

Converting Colors

XYZ(76.4717, 80.5895,
181.0863)

Have a look what the booklet for
XYZ(76.4717, 80.5895, 181.0863)
contains.

XYZ(62.2388, 74.9565, 105.7955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2388, 74.9565,
105.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	9DEDFF
RGB	157, 237, 255
RGB Percent	62%, 93%, 100%
CMY	0.3843, 0.0706, 0.0000
CMYK	0.38, 0.07, 0.00, 0.00
HSL	191°, 100%, 81%
HSV	191°, 38%, 100%
XYZ	62.2388, 74.9565, 105.7955
YIQ	215.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

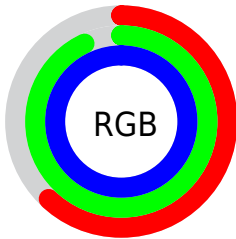
Format	Color
RYB	157, 201, 255
Decimal	10350079
CIELab	89.37, -20.00, -16.41
CIELCh	89, 25.877, 219.370
Yxy	74.9565, 0.2561, 0.3085
Android (android.graphics.Color)	4288540159 (0xFF9DEDFF)
YUV	215.1320, 19.6549, -50.9818
Hunter-Lab	86.5774, -23.1904, -11.8467

Details

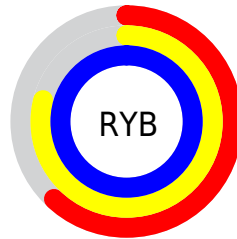
The XYZ color **62.2388, 74.9565, 105.7955** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.6561, 54.3543, 39.0892**, and the grayscale version is **64.5795, 67.9426, 73.9895**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **31.9724, 39.8343, 59.4297** is the 20% darker color. If you saturate the color by 10%, you get **56.4355, 69.9800, 105.1408**, and if you desaturate by 10%, it is **69.1197, 80.5447, 106.5114**.

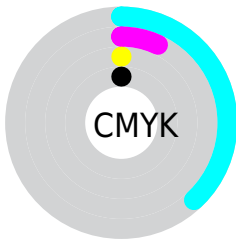
Distribution



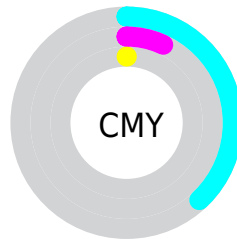
- Red (62%)
- Green (93%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2388, 74.9565, 105.7955 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 62.2388, 74.9565, 105.7955 by changing the saturation by 10% instead.

62.2388, 74.9565,
105.7955

62.2388, 74.9565,
105.7955

422.5053,
477.7680, 600.0227

45.4820, 55.5773,
80.5056

107.1586,
126.2508, 171.2201

32.0402, 39.8641,
59.6059

136.0523,
158.9346, 212.1918

21.5479, 27.4326,
42.6778

169.7223,
196.8221, 259.2279

13.6398, 17.8984,
29.3029

208.5341,
240.2976, 312.7469

7.9506, 10.8770,
19.0625

252.8529,
289.7456, 373.1674

4.1149, 5.9842,
11.5382

303.0442,

1.7673, 2.8355,

345.5504, 440.9078

6.3114

359.4732,
408.0964, 516.3867

■ 0.4979, 1.0465,
2.9635

■ 0.0000, 0.0000,
1.0760

■ 62.2388, 74.9565,
105.7955

■ 62.2388, 74.9565,
105.7955

■ 56.4355, 69.9800,
105.1408

■ 69.1197, 80.5447,
106.5114

■ 51.6384, 65.5726,
104.5429

■ 77.1319, 86.7672,
107.2902

■ 47.7769, 61.6993,
103.9988

■ 86.3327, 93.6558,
108.1349

■ 44.7681, 58.3169,
103.5045

95.0500, 100.0000,
108.9000

■ 42.5141, 55.3747,
103.0554

■ 40.8779, 52.8014,
102.6449

■ 40.6479, 52.4158,
102.5826

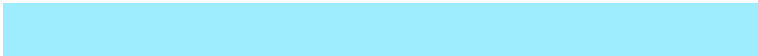
Harmonies

Analogous

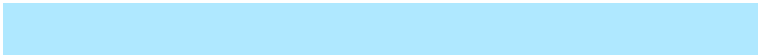
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8921, 74.9565, 87.4256



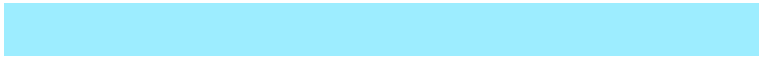
62.2388, 74.9565, 105.7955



67.0391, 74.9565, 118.7968

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2388, 74.9565, 105.7955



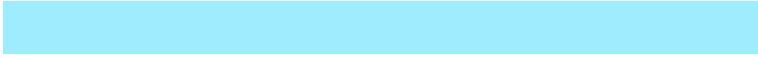
83.2586, 74.9565, 94.5289



69.2796, 74.9565, 51.8151

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.2388, 74.9565, 105.7955



62.6561, 54.3543, 39.0892

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6209, 74.9565, 53.1343



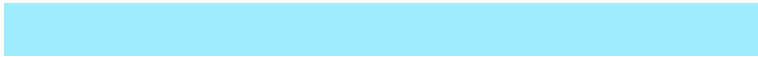
62.2388, 74.9565, 105.7955



83.9465, 74.9565, 76.0675

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2388, 74.9565, 105.7955



79.2507, 74.9565, 111.6524



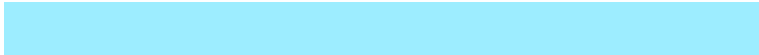
81.0782, 74.9565, 61.4317



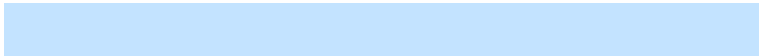
63.7954, 74.9565, 57.5146

Rectangle

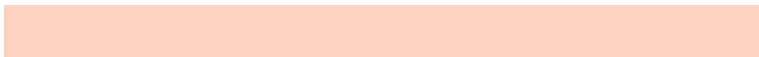
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2388, 74.9565, 105.7955



71.1102, 74.9565, 121.6894



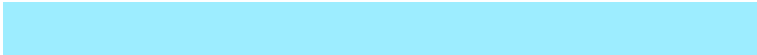
81.0782, 74.9565, 61.4317



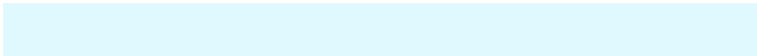
71.3778, 74.9565, 51.4737

Sweetspot

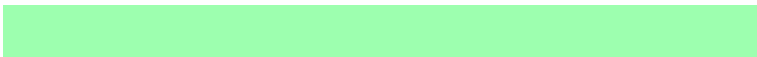
The Sweet Spot groups the original color and five complimentary colors.



62.2408, 74.9593, 105.7959



82.9081, 91.1182, 107.8256



57.4003, 81.7825, 53.3023



17.4859, 19.3090, 23.0554



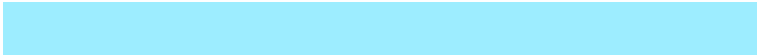
0.0000, 0.0000, 0.0000



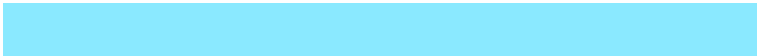
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2408, 74.9593, 105.7959



57.7508, 71.1359, 105.2946



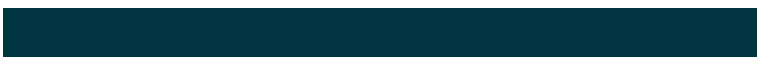
49.9464, 50.3704, 101.6977



18.2546, 19.8807, 23.1252



21.3417, 27.5929, 53.6357



2.1482, 2.8272, 5.2457

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.5843, 51.4900, 86.4478



65.0592, 45.2605, 82.7424



73.9732, 76.9885, 42.8616



18.6411, 18.2398, 21.9933



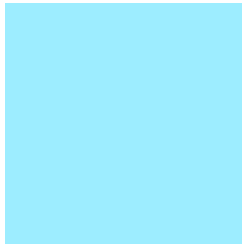
27.5605, 13.5135, 32.6657



2.7189, 1.3299, 3.3673

Previews

White Background



This preview shows how the XYZ color 62.2388, 74.9565, 105.7955 looks on a white background.

Color Contrast Check

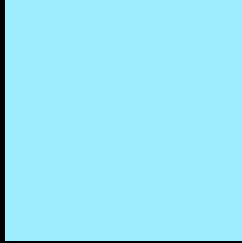
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.2388, 74.9565, 105.7955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2388, 74.9565, 105.7955

Background



This preview shows how black text looks on a background with the XYZ color 62.2388, 74.9565, 105.7955.

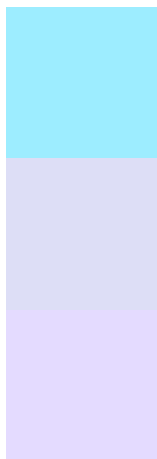


This preview shows how white text looks on a background with the XYZ color 62.2388, 74.9565,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.2388, 74.9565, 105.7955

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

75.3764, 74.3770, 104.9912



Tritanopia

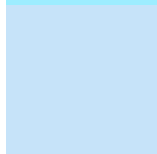
62.5427, 74.6845, 105.7269

Trichromacy



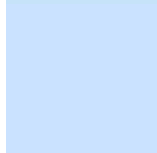
Original Color

62.2388, 74.9565, 105.7955



Protanomaly

67.8567, 73.7835, 100.2877



Deuteranomaly

69.6035, 74.1693, 105.2553



Tritanomaly

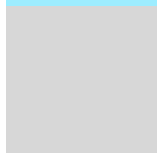
62.3435, 74.5818, 105.7176

Monochromacy



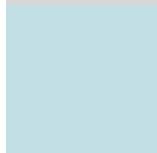
Original Color

62.2388, 74.9565, 105.7955



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.9187, 69.9579, 85.0500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2388, 74.9565, 105.7955 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 237, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2388, 74.9565, 105.7955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

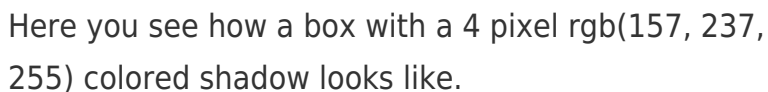
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 237, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 237, 255) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(157, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 237, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 237, 255); box-shadow:4px 4px 4px 4px rgb(157, 237, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2388, 74.9565, 105.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 237, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
237, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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