

Converting Colors

XYZ(61.7659, 75.1455,
105.8569)

Have a look what the booklet for
XYZ(61.7659, 75.1455, 105.8569)
contains.

XYZ(61.7614, 75.1414, 105.8563)	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(61.7614, 75.1414,
105.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	99EEFF
RGB	153, 238, 255
RGB Percent	60%, 93%, 100%
CMY	0.4000, 0.0667, 0.0000
CMYK	0.40, 0.07, 0.00, 0.00
HSL	190°, 100%, 80%
HSV	190°, 40%, 100%
XYZ	61.7614, 75.1414, 105.8563
YIQ	214.5230, -56.1170, -12.7330

Conversions

Conversions Part 2

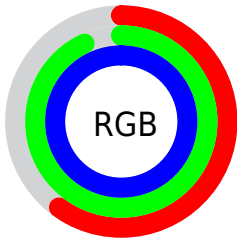
Format	Color
RYB	153, 199, 255
Decimal	10088191
CIELab	89.46, -21.49, -16.30
CIElCh	89, 26.975, 217.185
Yxy	75.1414, 0.2544, 0.3095
Android (android.graphics.Color)	4288278271 (0xFF99EEFF)
YUV	214.5230, 19.9552, -53.9557
Hunter-Lab	86.6841, -24.5182, -11.7244

Details

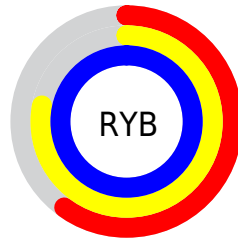
The XYZ color **61.7614, 75.1414, 105.8563** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.3649, 52.3096, 37.0014**, and the grayscale version is **64.1675, 67.5092, 73.5175**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.7449, 40.0199, 59.4776** is the 20% darker color. If you saturate the color by 10%, you get **56.2308, 70.4771, 105.2475**, and if you desaturate by 10%, it is **68.3536, 80.3999, 106.5239**.

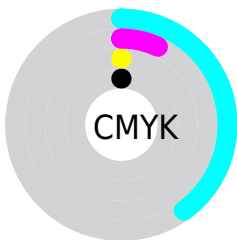
Distribution



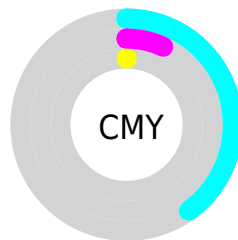
- Red (60%)
- Green (93%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7614, 75.1414, 105.8563 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 61.7614, 75.1414, 105.8563 by changing the saturation by 10% instead.

61.7614, 75.1414,
105.8563

61.7614, 75.1414,
105.8563

420.7917,
478.4034, 600.2161

45.0948, 55.7287,
80.5563

106.4725,
126.5125, 171.3039

31.7337, 39.9855,
59.6474

135.2477,
159.2397, 212.2885

21.3127, 27.5272,
42.7110

168.7898,
197.1739, 259.3384

13.4666, 17.9696,
29.3287

207.4642,
240.6995, 312.8721

7.8298, 10.9281,
19.0819

251.6363,
290.2009, 373.3082

4.0371, 6.0185,
11.5521

301.6713,

1.7232, 2.8564,

346.0624, 441.0652

6.3206

357.9346,
408.6684, 516.5616

■ 0.4707, 1.0572,
2.9691

■ 0.0000, 0.0000,
1.0789

■ 61.7614, 75.1414,
105.8563

■ 61.7614, 75.1414,
105.8563

■ 56.2308, 70.4771,
105.2475

■ 68.3536, 80.3999,
106.5239

■ 51.6895, 66.3640,
104.6930

■ 76.0618, 86.2756,
107.2517

■ 48.0654, 62.7666,
104.1896

■ 84.9439, 92.8004,
108.0430

■ 45.2739, 59.6408,
103.7334

95.0500, 100.0000,
108.9000

■ 43.2141, 56.9344,
103.3196

■ 41.7211, 54.5621,
102.9403

■ 41.7208, 54.5617,
102.9403

Harmonies

Analogous

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



59.5330, 75.1414, 86.4553



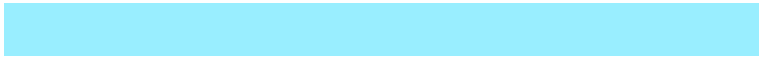
61.7614, 75.1414, 105.8563



66.6020, 75.1414, 120.1798

Triad

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



61.7614, 75.1414, 105.8563



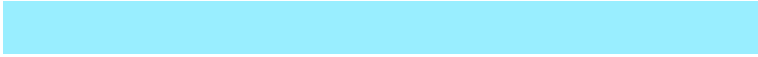
83.7922, 75.1414, 96.7639



69.8413, 75.1414, 50.7453

Complementary

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



61.7614, 75.1414, 105.8563



61.3649, 52.3096, 37.0014

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.



76.4642, 75.1414, 52.6323



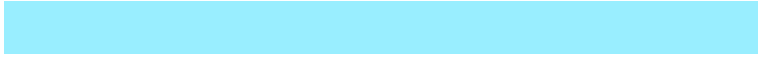
61.7614, 75.1414, 105.8563



84.7917, 75.1414, 77.3461

Square

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



61.7614, 75.1414, 105.8563



79.3830, 75.1414, 114.3906



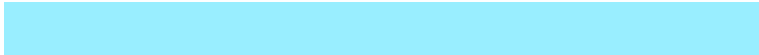
82.0357, 75.1414, 61.7227



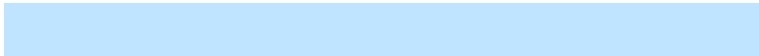
64.0075, 75.1414, 56.0995

Rectangle

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



61.7614, 75.1414, 105.8563



70.7969, 75.1414, 123.8411



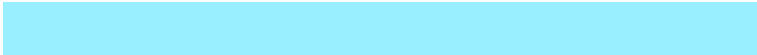
82.0357, 75.1414, 61.7227



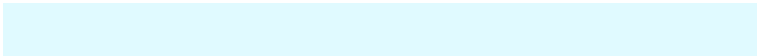
72.0460, 75.1414, 50.5695

Sweetspot

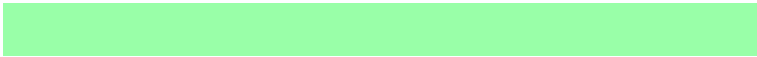
The Sweet Spot groups the original color and five complimentary colors.



61.7634, 75.1442, 105.8568



83.0695, 91.4410, 107.8794



55.9939, 81.1312, 49.9030



17.5241, 19.3854, 23.0681



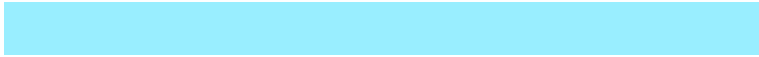
0.0000, 0.0000, 0.0000



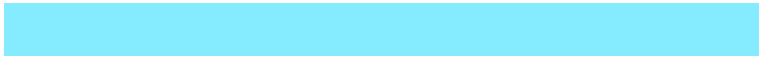
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7634, 75.1442, 105.8568



57.2549, 71.3643, 105.3648



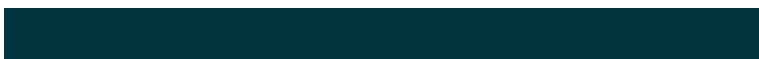
49.3214, 50.2602, 101.7094



18.2821, 19.9358, 23.1344



21.8954, 28.7003, 53.8203



2.1972, 2.9251, 5.2621

Inverse Universe

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



68.0652, 50.2172, 86.9976



64.5111, 43.9010, 83.3714



72.4004, 74.3806, 40.6799



18.6550, 18.2453, 22.0665



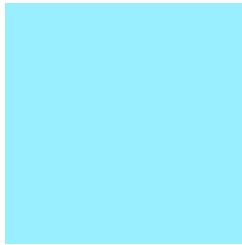
27.8400, 13.6253, 34.1373



2.7437, 1.3398, 3.4975

Previews

White Background



This preview shows how the XYZ color 61.7614, 75.1414, 105.8563 looks on a white background.

Color Contrast Check

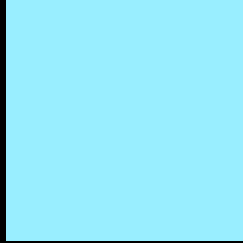
Large Text (above 18pt) WCAG AA × Fail

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 61.7614, 75.1414, 105.8563 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 61.7614, 75.1414, 105.8563

Background



This preview shows how black text looks on a background with the XYZ color 61.7614, 75.1414, 105.8563.

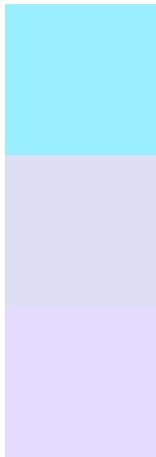


This preview shows how white text looks on a background with the XYZ color 61.7614, 75.1414,

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

61.7614, 75.1414, 105.8563

Protanopia

72.7269, 74.3647, 96.9069

Deuteranopia

75.3764, 74.3770, 104.9912



Tritanopia

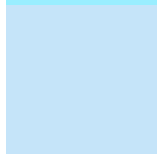
62.6323, 75.1593, 105.8139

Trichromacy



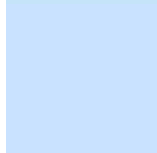
Original Color

61.7614, 75.1414, 105.8563



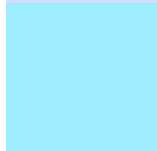
Protanomaly

67.8682, 74.1967, 100.3669



Deuteranomaly

69.3338, 74.0302, 105.2427



Tritanomaly

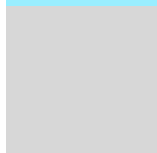
62.2388, 74.9565, 105.7955

Monochromacy



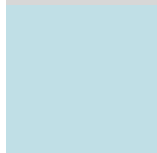
Original Color

61.7614, 75.1414, 105.8563



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.4088, 69.6950, 85.0261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7614, 75.1414, 105.8563 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(153, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 238, 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(153, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7614, 75.1414, 105.8563 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(153, 238, 255) }
```


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

```
.border{ border-color:rgb(153, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7614, 75.1414, 105.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 238, 255) }
```

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

```
.background{ background-color: rgb(153,  
238, 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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