

Converting Colors

XYZ(62.4258, 83.2964,
102.1852)

Have a look what the booklet for
XYZ(62.4258, 83.2964, 102.1852)
contains.

XYZ(62.5317, 83.3461, 102.4142)	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(62.5317, 83.3461,
102.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFF9
RGB	133, 255, 249
RGB Percent	52%, 100%, 98%
CMY	0.4784, 0.0000, 0.0235
CMYK	0.48, 0.00, 0.02, 0.00
HSL	177°, 100%, 76%
HSV	177°, 48%, 100%
XYZ	62.5317, 83.3461, 102.4142
YIQ	217.8380, -70.7860, -27.7300

Conversions

Conversions Part 2

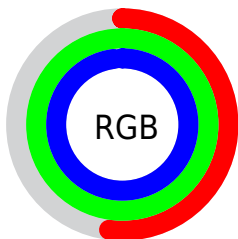
Format	Color
RYB	133, 196, 255
Decimal	8781817
CIELab	93.17, -35.67, -7.74
CIELCh	93, 36.504, 192.243
Yxy	83.3461, 0.2518, 0.3357
Android (android.graphics.Color)	4286971897 (0xFF85FFF9)
YUV	217.8380, 15.3629, -74.4029
Hunter-Lab	91.2941, -37.5014, -2.6060

Details

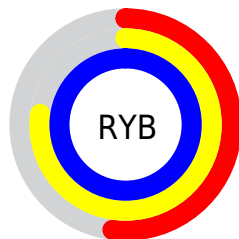
The XYZ color **62.5317, 83.3461, 102.4142** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.2886, 39.9005, 29.2675**, and the grayscale version is **66.4618, 69.9230, 76.1461**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **32.3455, 45.5405, 57.5375** is the 20% darker color. If you saturate the color by 10%, you get **58.7885, 81.4389, 101.2229**, and if you desaturate by 10%, it is **67.2555, 85.7586, 103.6611**.

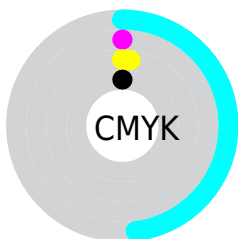
Distribution



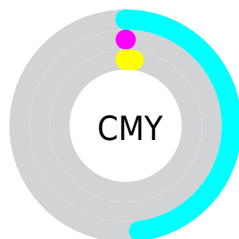
- Red (52%)
- Green (100%)
- Blue (98%)



- Red (52%)
- Yellow (77%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5317, 83.3461, 102.4142 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 62.5317, 83.3461, 102.4142 by changing the saturation by 10% instead.

62.5317, 83.3461,
102.4142

62.5317, 83.3461,
102.4142

423.5546,
506.1393, 589.2181

45.7197, 62.4757,
77.6902

107.5792,
138.0601, 166.5516

32.2284, 45.4172,
57.3046

136.5455,
172.6725, 206.8021

21.6924, 31.7862,
40.8388

170.2938,
212.6343, 253.0652

13.7464, 21.1982,
27.8744

209.1896,
258.3300, 305.7594

8.0250, 13.2690,
17.9928

253.5982,
310.1440, 365.3032

4.1629, 7.6140,
10.7754

303.8850,

1.7947, 3.8490,

368.4606, 432.1153

5.8038

360.4154,
433.6642, 506.6140

■ 0.5145, 1.5894,
2.6593

■ 0.0000, 0.3505,
0.9228

■ 62.5317, 83.3461,
102.4142

■ 62.5317, 83.3461,
102.4142

■ 58.7885, 81.4389,
101.2229

■ 67.2555, 85.7586,
103.6611

■ 55.9506, 79.9983,
100.0794

■ 73.0213, 88.7081,
104.9621

■ 53.9374, 78.9826,
98.9812

■ 79.8894, 92.2258,
106.3215

■ 52.6523, 78.3422,
97.9239

■ 87.9146, 96.3398,
107.7420

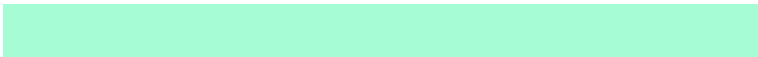
■ 51.9663, 78.0105, 95.0500, 100.0000,
96.9014 108.9000

■ 51.8566, 77.9586,
96.6833

Harmonies

Analogous

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



62.9245, 83.3461, 75.5801



62.5317, 83.3461, 102.4142



66.3379, 83.3461, 131.0776

Triad

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



62.5317, 83.3461, 102.4142



92.2706, 83.3461, 135.7202



84.9749, 83.3461, 49.1793

Complementary

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



62.5317, 83.3461, 102.4142



54.2886, 39.9005, 29.2675

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.



93.6658, 83.3461, 59.6789



62.5317, 83.3461, 102.4142



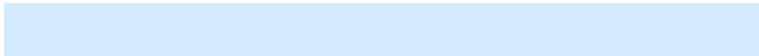
98.1060, 83.3461, 107.8244

Square

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



62.5317, 83.3461, 102.4142



83.1925, 83.3461, 152.7496



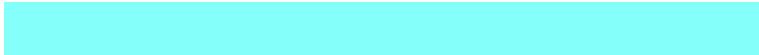
98.6363, 83.3461, 80.0064



75.3721, 83.3461, 48.3107

Rectangle

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



62.5317, 83.3461, 102.4142



70.9380, 83.3461, 145.9551



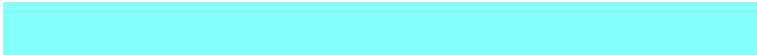
98.6363, 83.3461, 80.0064



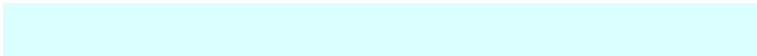
88.1184, 83.3461, 51.5840

Sweetspot

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



62.5328, 83.3466, 102.4157



82.8324, 93.7341, 106.8598



50.6589, 78.7116, 34.7149



17.3712, 19.8793, 22.8074



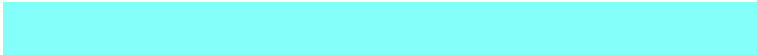
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.5328, 83.3466, 102.4157



59.0675, 81.5808, 101.3213



48.4016, 53.5628, 102.3954



18.5140, 20.4651, 23.0097



27.1130, 40.7418, 50.6079



2.6513, 3.9715, 4.9876

Inverse Universe

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



54.2886, 39.9005, 29.2675



49.9772, 33.6161, 20.6214



63.4364, 58.8784, 30.2132



18.0456, 18.0015, 18.8571



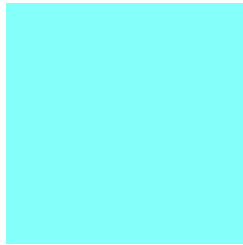
21.6003, 11.1294, 1.2798



2.1153, 1.0885, 0.1886

Previews

White Background



This preview shows how the XYZ color 62.5317, 83.3461, 102.4142 looks on a white background.

Color Contrast Check

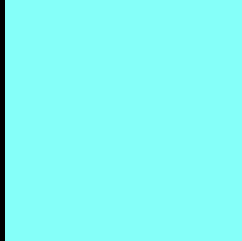
Large Text (above 18pt) WCAG AA × Fail

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 62.5317, 83.3461, 102.4142 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 62.5317, 83.3461, 102.4142

Background



This preview shows how black text looks on a background with the XYZ color 62.5317, 83.3461, 102.4142.

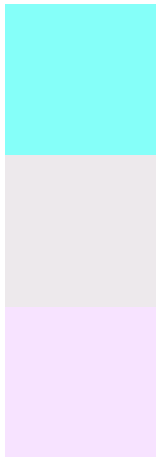


This preview shows how white text looks on a background with the XYZ color 62.5317, 83.3461,

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

62.5317, 83.3461, 102.4142

Protanopia

79.2043, 82.3385, 91.0753

Deuteranopia

83.8769, 81.9323, 106.0015



Tritanopia

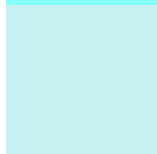
71.8865, 82.9977, 106.8391

Trichromacy



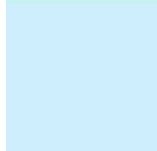
Original Color

62.5317, 83.3461, 102.4142



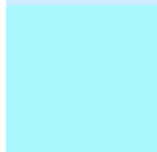
Protanomaly

70.8857, 81.4036, 95.1955



Deuteranomaly

73.4674, 80.7820, 104.6489



Tritanomaly

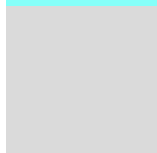
67.8746, 82.7727, 105.3279

Monochromacy



Original Color

62.5317, 83.3461, 102.4142



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.2123, 73.3738, 84.9597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5317, 83.3461, 102.4142 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(133, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 249)  
}
```

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(133, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 62.5317, 83.3461, 102.4142 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(133, 255, 249) }
```


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

```
.border{ border-color:rgb(133, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5317, 83.3461, 102.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 249) }
```

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

```
.background{ background-color: rgb(133,  
255, 249) }
```

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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