

Converting Colors

XYZ(60.3611, 77.1728, 97.9752)

Have a look what the booklet for
XYZ(60.3611, 77.1728, 97.9752)
contains.

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Color

**XYZ(60.5092, 77.3137,
98.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	91F4F5
RGB	145, 244, 245
RGB Percent	57%, 96%, 96%
CMY	0.4314, 0.0431, 0.0392
CMYK	0.41, 0.00, 0.00, 0.04
HSL	181°, 83%, 76%
HSV	181°, 41%, 96%
XYZ	60.5092, 77.3137, 98.1201
YIQ	214.5130, -59.3250, -20.6770

Conversions

Conversions Part 2

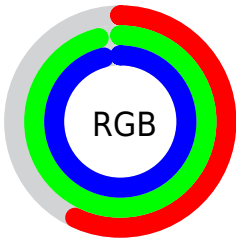
Format	Color
R_{YB}	145, 195, 245
Decimal	9565429
CIE _{Lab}	90.47, -28.78, -9.62
CIE _{LCh}	90, 30.341, 198.482
Yxy	77.3137, 0.2565, 0.3277
Android (android.graphics.Color)	4287755509 (0xFF91F4F5)
YUV	214.5130, 15.0301, -60.9629
Hunter-Lab	87.9282, -31.0367, -4.6126

Details

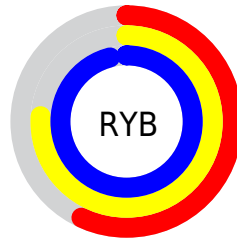
The XYZ color **60.5092, 77.3137, 98.1201** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0472, 42.0157, 32.1038**, and the grayscale version is **64.1946, 67.5377, 73.5486**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **30.8861, 41.2410, 54.4766** is the 20% darker color. If you saturate the color by 10%, you get **56.5760, 75.1788, 97.9167**, and if you desaturate by 10%, it is **65.3779, 79.9347, 98.3707**.

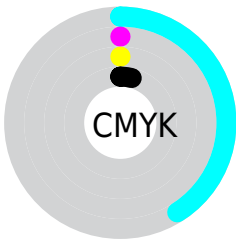
Distribution



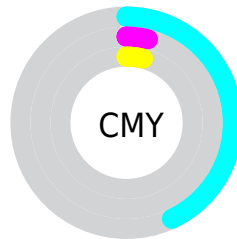
- Red (57%)
- Green (96%)
- Blue (96%)



- Red (57%)
- Yellow (76%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5092, 77.3137, 98.1201 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 60.5092, 77.3137, 98.1201 by changing the saturation by 10% instead.

60.5092, 77.3137,
98.1201

60.5092, 77.3137,
98.1201

416.2769,
485.8329, 575.3437

44.0802, 57.5104,
74.1234

104.6701,
129.5822, 160.6006

30.9318, 41.4151,
54.3976

133.1328,
162.8162, 199.9215

20.6985, 28.6436,
38.5243

166.3374,
201.2958, 245.1876

13.0150, 18.8114,
26.0849

204.6493,
245.4055, 296.8173

7.5159, 11.5341,
16.6608

248.4338,
295.5297, 355.2292

3.8360, 6.4273,
9.8336

298.0563,

1.6098, 3.1066,

352.0527, 420.8419

5.1846

353.8822,
415.3590, 494.0739

■ 0.3988, 1.1876,
2.2953

■ 0.0000, 0.0516,
0.7286

■ 60.5092, 77.3137,
98.1201

■ 60.5092, 77.3137,
98.1201

■ 56.5760, 75.1788,
97.9167

■ 65.3779, 79.9347,
98.3707

■ 53.5111, 73.4898,
97.7522


■ 71.2303, 83.0611,
98.6657


■ 51.2491, 72.2149,
97.6253

■ 78.1194, 86.7221,
99.0093


■ 49.7127, 71.3142,
97.5325


■ 86.0925, 90.9421,
99.4036


 48.8092, 70.7399,
97.4692


 90.4426, 93.2944,
99.6284

 48.4001, 70.4295,
97.4309

 90.5167, 93.4426,
99.6531

 90.5908, 93.5910,
99.6778

 90.6651, 93.7395,
99.7025

 90.7395, 93.8883,
99.7273

Harmonies

Analogous

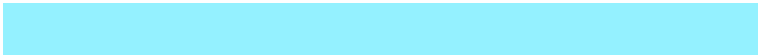
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1075, 77.3137, 76.1185



60.5092, 77.3137, 98.1201



64.2401, 77.3137, 119.4648

Triad

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



60.5092, 77.3137, 98.1201



84.9471, 77.3137, 114.9937



76.4333, 77.3137, 49.5456

Complementary

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



60.5092, 77.3137, 98.1201



53.0472, 42.0157, 32.1038

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.



83.5755, 77.3137, 56.6347



60.5092, 77.3137, 98.1201



88.7118, 77.3137, 92.7947

Square

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



60.5092, 77.3137, 98.1201



78.2025, 77.3137, 130.3029



88.1932, 77.3137, 71.6297



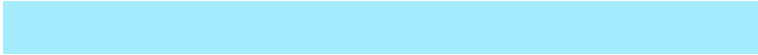
68.9599, 77.3137, 50.4731

Rectangle

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



60.5092, 77.3137, 98.1201



68.2667, 77.3137, 129.2934



88.1932, 77.3137, 71.6297



78.9613, 77.3137, 51.0128

Sweetspot

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



60.5115, 77.3167, 98.1219



84.5773, 94.4567, 108.3820



49.4420, 73.3705, 38.3460



17.8814, 20.1000, 23.1872



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.



60.5115, 77.3167, 98.1219



62.6273, 82.6971, 107.2691



47.6754, 51.6444, 93.8432



16.9817, 18.7278, 21.2624



26.0803, 37.9544, 52.4894



2.2967, 3.3448, 4.6148

Inverse Universe

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



64.1127, 46.1969, 91.1291



67.0792, 44.3785, 98.5896



62.2838, 60.4889, 35.1827



17.2061, 16.7653, 20.8319



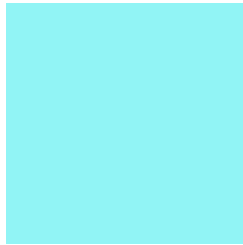
28.9687, 13.9309, 46.6708



2.5483, 1.2253, 4.1138

Previews

White Background



This preview shows how the XYZ color 60.5092, 77.3137, 98.1201 looks on a white background.

Color Contrast Check

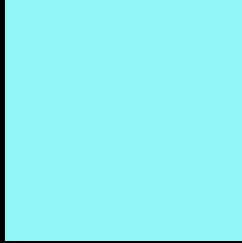
Large Text (above 18pt) WCAG AA × Fail

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 60.5092, 77.3137, 98.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

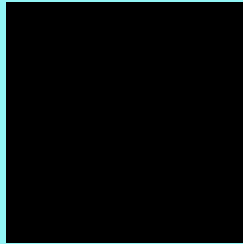
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5092, 77.3137, 98.1201

Background



This preview shows how black text looks on a background with the XYZ color 60.5092, 77.3137, 98.1201.

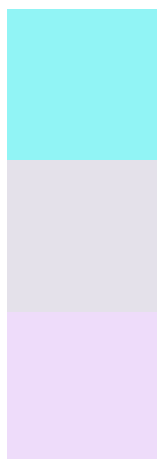


This preview shows how white text looks on a background with the XYZ color 60.5092, 77.3137,

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

60.5092, 77.3137, 98.1201

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

78.1084, 76.2657, 101.0465



Tritanopia

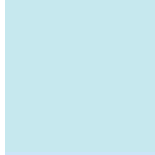
64.8529, 77.1685, 106.0846

Trichromacy



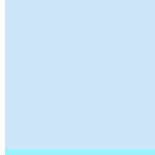
Original Color

60.5092, 77.3137, 98.1201



Protanomaly

67.5779, 75.8920, 91.9758



Deuteranomaly

69.8644, 75.6533, 99.7272



Tritanomaly

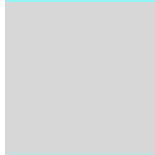
63.1660, 77.2466, 102.8477

Monochromacy



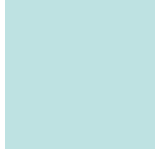
Original Color

60.5092, 77.3137, 98.1201



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.1590, 70.8308, 82.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5092, 77.3137, 98.1201 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(145, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(145, 244, 245)  
}
```

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(145, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 244, 245) }
```

Border

The CSS property to change the border of an element to XYZ 60.5092, 77.3137, 98.1201 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(145, 244, 245) }
```


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

```
.border{ border-color:rgb(145, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(145, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(145, 244,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5092, 77.3137, 98.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 244, 245) }
```

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

```
.background{ background-color: rgb(145,  
244, 245) }
```

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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