

Converting Colors

XYZ(57.6271, 64.0477, 96.1370)

Have a look what the booklet for
XYZ(57.6271, 64.0477, 96.1370)
contains.

XYZ(57.5126, 63.8007, 96.4723)	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(57.5126, 63.8007,
96.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD7F6
RGB	170, 215, 246
RGB Percent	67%, 84%, 96%
CMY	0.3333, 0.1568, 0.0353
CMYK	0.31, 0.13, 0.00, 0.04
HSL	204°, 81%, 82%
HSV	204°, 31%, 96%
XYZ	57.5126, 63.8007, 96.4723
YIQ	205.0790, -36.7710, 0.1010

Conversions

Conversions Part 2

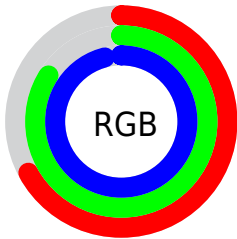
Format	Color
R _Y B	170, 198, 246
Decimal	11196406
CIE Lab	83.86, -7.53, -19.92
CIE LCh	84, 21.294, 249.284
Yxy	63.8007, 0.2641, 0.2930
Android (android.graphics.Color)	4289386486 (0xFFAAD7F6)
YUV	205.0790, 20.1741, -30.7643
Hunter-Lab	79.8753, -11.2566, -15.6969

Details

The XYZ color **57.5126, 63.8007, 96.4723** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1495, 64.2694, 46.9509**, and the grayscale version is **57.9727, 60.9918, 66.4200**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **29.0675, 32.5723, 53.4703** is the 20% darker color. If you saturate the color by 10%, you get **50.2073, 56.3587, 95.4220**, and if you desaturate by 10%, it is **65.9736, 72.0741, 97.6244**.

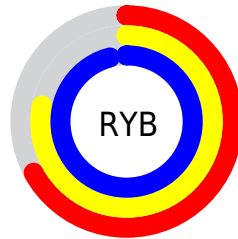
Distribution



Red (67%)

Green (84%)

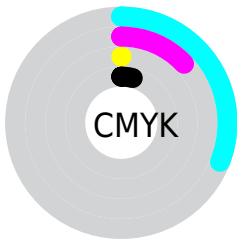
Blue (96%)



Red (67%)

Yellow (78%)

Blue (96%)

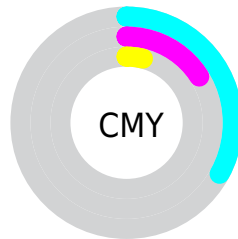


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5126, 63.8007, 96.4723 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 57.5126, 63.8007, 96.4723 by changing the saturation by 10% instead.

■ 57.5126, 63.8007,
96.4723

■ 57.5126, 63.8007,
96.4723

405.3505,
438.4696, 569.9720

■ 41.6587, 46.4893,
72.7573

■ 100.3398,
110.3239, 158.3101

■ 29.0241, 32.6321,
53.2870

128.0438,
140.3044, 197.2700

■ 19.2434, 21.8448,
37.6426

160.4285,
175.2767, 242.1487

■ 11.9513, 13.7429,
25.4057

197.8593,
215.6253, 293.3647

■ 6.7825, 7.9420,
16.1578

240.7016,
261.7345, 351.3364

■ 3.3716, 4.0579,
9.4803

289.3206,

■ 1.3532, 1.7060,

313.9886, 416.4825

4.9547

344.0818,
372.7722, 489.2216

■ 0.2225, 0.4275,
2.1624

■ 0.0000, 0.0000,
0.6526

■ 57.5126, 63.8007,
96.4723

■ 57.5126, 63.8007,
96.4723

■ 50.2073, 56.3587,
95.4220

■ 65.9736, 72.0741,
97.6244

■ 43.9933, 49.7063,
94.4655

■ 75.6384, 81.2032,
98.8771

■ 38.8086, 43.8089,
93.6004

■ 86.5593, 91.2205,
100.2350

■ 34.5822, 38.6253,
92.8226

■ 93.6348, 99.4339,
101.4474

■ 31.2326, 34.1091,
92.1274

■ 28.6629, 30.2056,
91.5094

■ 26.8618, 27.1081,
91.0065

Harmonies

Analogous

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



53.9381, 63.8007, 87.0989



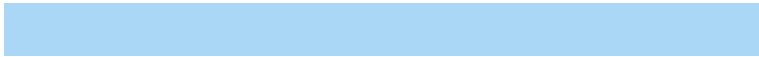
57.5126, 63.8007, 96.4723



62.1042, 63.8007, 98.1357

Triad

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



57.5126, 63.8007, 96.4723



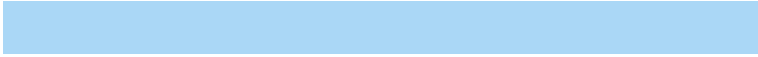
69.9631, 63.8007, 65.3922



55.1190, 63.8007, 51.3673

Complementary

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



57.5126, 63.8007, 96.4723



66.1495, 64.2694, 46.9509

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.



59.2003, 63.8007, 47.0098



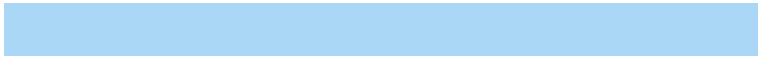
57.5126, 63.8007, 96.4723



67.8766, 63.8007, 54.3932

Square

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



57.5126, 63.8007, 96.4723



69.4539, 63.8007, 78.9899



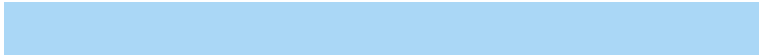
63.8801, 63.8007, 48.0415



52.6064, 63.8007, 60.7440

Rectangle

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



57.5126, 63.8007, 96.4723



65.1502, 63.8007, 94.4606



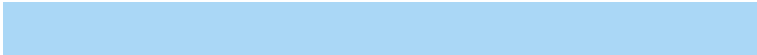
63.8801, 63.8007, 48.0415



56.3442, 63.8007, 49.3255

Sweetspot

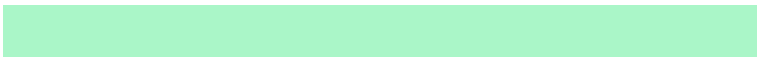
The Sweet Spot groups the original color and five complimentary colors.



57.5146, 63.8032, 96.4738



84.1911, 90.0765, 107.5569



60.0071, 78.6478, 66.9086



17.6673, 18.9527, 22.9770



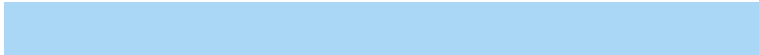
0.0000, 0.0000, 0.0000



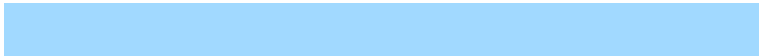
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5146, 63.8032, 96.4738



57.3660, 64.1378, 103.9641



49.0548, 46.8837, 93.6538



16.3969, 17.5581, 21.0674



14.4790, 14.7518, 48.6223



1.3734, 1.4983, 4.3070

Inverse Universe

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



64.6482, 53.2505, 71.1636



66.3854, 51.6122, 71.7800



75.9542, 83.8787, 50.2191



16.9109, 16.6472, 19.2775



23.1129, 11.5886, 15.8345



2.0823, 1.0389, 1.6598

Previews

White Background



This preview shows how the XYZ color 57.5126, 63.8007, 96.4723 looks on a white background.

Color Contrast Check

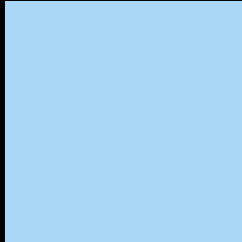
Large Text (above 18pt) WCAG AA × Fail

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 57.5126, 63.8007, 96.4723 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

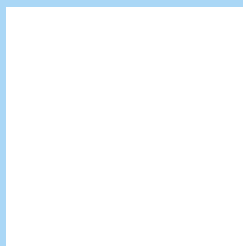
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5126, 63.8007, 96.4723

Background



This preview shows how black text looks on a background with the XYZ color 57.5126, 63.8007, 96.4723.



This preview shows how white text looks on a background with the XYZ color 57.5126, 63.8007,

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

57.5126, 63.8007, 96.4723

Protanopia

62.8186, 63.6730, 92.1983

Deuteranopia

64.8306, 63.5184, 97.6503



Tritanopia

55.6005, 63.7817, 87.2225

Trichromacy



Original Color

57.5126, 63.8007, 96.4723

Protanomaly

60.7101, 63.6406, 93.8781

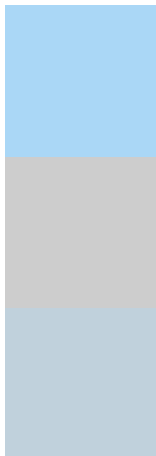
Deuteranomaly

61.8501, 63.4293, 96.9789

Tritanomaly

56.1369, 63.6096, 90.2081

Monochromacy



Original Color

57.5126, 63.8007, 96.4723

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4570, 61.9747, 76.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5126, 63.8007, 96.4723 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(170, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(170, 215, 246)  
}
```

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(170, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 215, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.5126, 63.8007, 96.4723 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(170, 215, 246) }
```


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

```
.border{ border-color:rgb(170, 215, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 215, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(170, 215,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5126, 63.8007, 96.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 215, 246) }
```

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

```
.background{ background-color: rgb(170,  
215, 246) }
```

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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