

Converting Colors

XYZ(57.7366, 64.9628,
104.1038)

Have a look what the booklet for
XYZ(57.7366, 64.9628, 104.1038)
contains.

XYZ(57.6186, 64.8364, 104.0856)	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(57.6186, 64.8364,
104.0856)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DAFF
RGB	160, 218, 255
RGB Percent	63%, 85%, 100%
CMY	0.3725, 0.1451, 0.0000
CMYK	0.37, 0.15, 0.00, 0.00
HSL	203°, 100%, 81%
HSV	203°, 37%, 100%
XYZ	57.6186, 64.8364, 104.0856
YIQ	204.8760, -46.4450, -0.7890

Conversions

Conversions Part 2

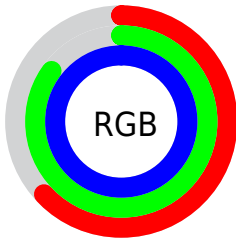
Format	Color
RYB	160, 196, 255
Decimal	10541823
CIELab	84.40, -9.59, -23.92
CIELCh	84, 25.767, 248.152
Yxy	64.8364, 0.2543, 0.2862
Android (android.graphics.Color)	4288731903 (0xFFA0DAFF)
YUV	204.8760, 24.7111, -39.3563
Hunter-Lab	80.5211, -13.1823, -20.2765

Details

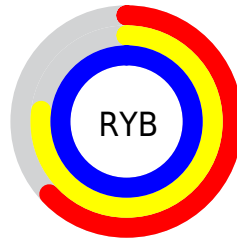
The XYZ color **57.6186, 64.8364, 104.0856** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.5518, 63.7308, 42.0005**, and the grayscale version is **57.8202, 60.8314, 66.2454**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **28.9992, 33.2147, 58.3087** is the 20% darker color. If you saturate the color by 10%, you get **50.5357, 57.4772, 103.0384**, and if you desaturate by 10%, it is **65.9049, 73.0481, 105.2339**.

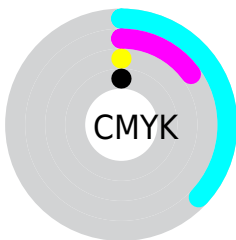
Distribution



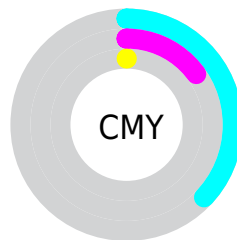
- Red (63%)
- Green (85%)
- Blue (100%)



- Red (63%)
- Yellow (77%)
- Blue (100%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6186, 64.8364, 104.0856 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 57.6186, 64.8364, 104.0856 by changing the saturation by 10% instead.

■ 57.6186, 64.8364,
104.0856

■ 57.6186, 64.8364,
104.0856

405.7401,
442.2038, 594.5718

■ 41.7442, 47.3284,
79.0811

■ 100.4934,
111.8146, 168.8612

■ 29.0913, 33.2954,
58.4408

■ 128.2245,
142.0537, 209.4693

■ 19.2945, 22.3528,
41.7461

160.6385,
177.3052, 256.1158

■ 11.9885, 14.1164,
28.5784

198.1008,
217.9536, 309.2191

■ 6.8080, 8.2016,
18.5193

240.9768,
264.3833, 369.1978

■ 3.3876, 4.2242,
11.1502

289.6317,

■ 1.3619, 1.7998,

316.9786, 436.4705

6.0525

344.4310,
376.1240, 511.4556

■ 0.2288, 0.4870,
2.8077

■ 0.0000, 0.0000,
0.9973

■ 57.6186, 64.8364,
104.0856

■ 57.6186, 64.8364,
104.0856

■ 50.5357, 57.4772,
103.0384

■ 65.9049, 73.0481,
105.2339

■ 44.5837, 50.9246,
102.0874

■ 75.4506, 82.1404,
106.4858

■ 39.6903, 45.1387,
101.2285

■ 86.3146, 92.1492,
107.8450

■ 35.7713, 40.0720,
100.4571

95.0500, 100.0000,
108.9000

■ 32.7286, 35.6695,
99.7677

■ 30.4360, 31.8618,
99.1535

■ 29.8866, 30.8931,
98.9955

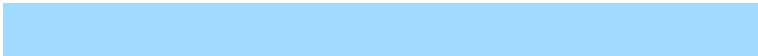
Harmonies

Analogous

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



53.3678, 64.8364, 91.9160



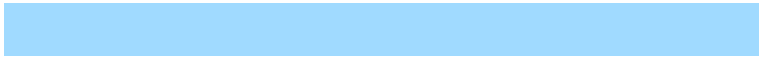
57.6186, 64.8364, 104.0856



63.1991, 64.8364, 106.6267

Triad

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



57.6186, 64.8364, 104.0856



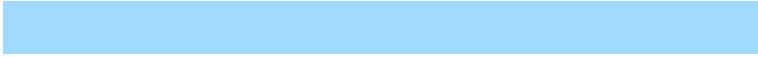
73.1764, 64.8364, 66.2195



55.0721, 64.8364, 48.5936

Complementary

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



57.6186, 64.8364, 104.0856



67.5518, 63.7308, 42.0005

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.



60.0774, 64.8364, 43.7615



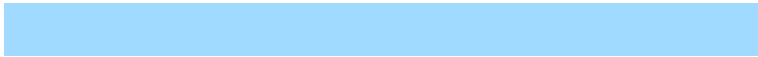
57.6186, 64.8364, 104.0856



70.6929, 64.8364, 52.8571

Square

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



57.6186, 64.8364, 104.0856



72.4171, 64.8364, 82.9900



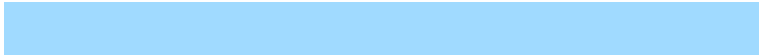
65.8131, 64.8364, 45.1915



51.9622, 64.8364, 59.5015

Rectangle

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



57.6186, 64.8364, 104.0856



66.9658, 64.8364, 102.1994



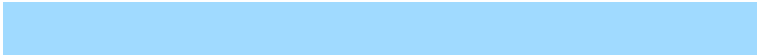
65.8131, 64.8364, 45.1915



56.5761, 64.8364, 46.2883

Sweetspot

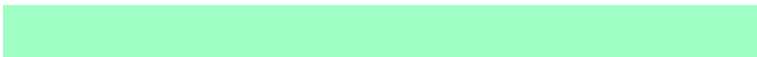
The Sweet Spot groups the original color and five complimentary colors.



57.6204, 64.8388, 104.0860



82.0863, 88.2898, 107.3230



60.2696, 82.9986, 65.3189



17.2524, 18.6057, 22.9319



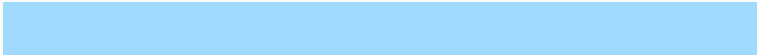
0.0000, 0.0000, 0.0000



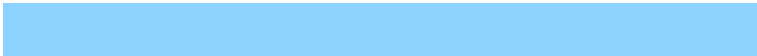
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6204, 64.8388, 104.0860



52.0308, 59.0639, 103.2659



47.1274, 43.8527, 100.5883



17.9262, 19.2240, 23.0157



15.7658, 16.4411, 51.7771



1.6413, 1.8133, 5.0768

Inverse Universe

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



66.4669, 51.4652, 72.7629



62.3263, 44.7580, 66.5301



79.9113, 88.4497, 46.1203



18.4754, 18.1735, 21.1205



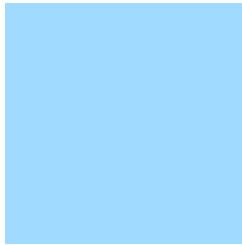
24.7460, 12.3877, 17.8449



2.4631, 1.2276, 2.0199

Previews

White Background



This preview shows how the XYZ color 57.6186, 64.8364, 104.0856 looks on a white background.

Color Contrast Check

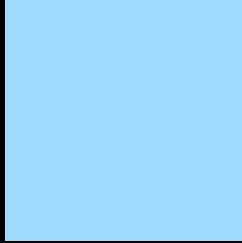
Large Text (above 18pt) WCAG AA × Fail

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 57.6186, 64.8364, 104.0856 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

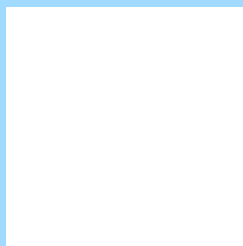
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6186, 64.8364, 104.0856

Background



This preview shows how black text looks on a background with the XYZ color 57.6186, 64.8364, 104.0856.

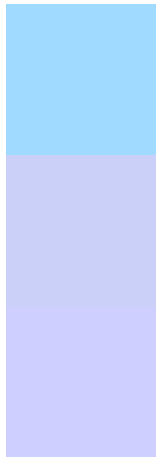


This preview shows how white text looks on a background with the XYZ color 57.6186, 64.8364,

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

57.6186, 64.8364, 104.0856

Protanopia

63.8563, 64.4456, 97.8806

Deuteranopia

65.5749, 64.4844, 103.5983



Tritanopia

55.1467, 65.0128, 91.3035

Trichromacy



Original Color

57.6186, 64.8364, 104.0856

Protanomaly

61.4496, 64.6168, 100.5003

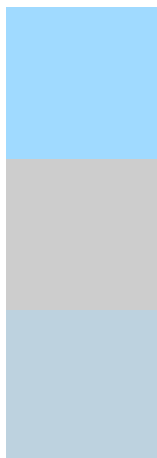
Deuteranomaly

62.0829, 64.1320, 103.7143

Tritanomaly

55.9793, 64.9471, 95.9718

Monochromacy



Original Color

57.6186, 64.8364, 104.0856

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3521, 62.2397, 78.8027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6186, 64.8364, 104.0856 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(160, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 218, 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(160, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6186, 64.8364, 104.0856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

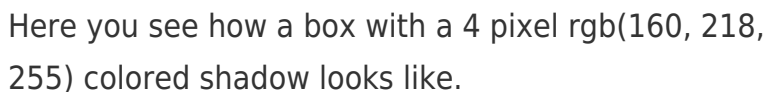
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 218, 255) }
```


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

```
.border{ border-color:rgb(160, 218, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 218, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 218, 255); box-shadow:4px 4px 4px 4px rgb(160, 218, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6186, 64.8364, 104.0856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 218, 255) }
```

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

```
.background{ background-color: rgb(160,  
218, 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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