

Converting Colors

XYZ(57.2304, 63.1342, 87.4654)

Have a look what the booklet for
XYZ(57.2304, 63.1342, 87.4654)
contains.

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Color

**XYZ(57.3801, 63.1704,
87.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D5EB
RGB	179, 213, 235
RGB Percent	70%, 84%, 92%
CMY	0.2980, 0.1647, 0.0784
CMYK	0.24, 0.09, 0.00, 0.08
HSL	204°, 58%, 81%
HSV	204°, 24%, 92%
XYZ	57.3801, 63.1704, 87.7661
YIQ	205.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

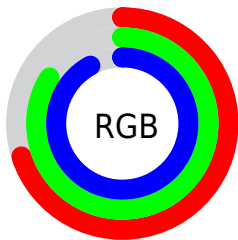
Format	Color
RYB	179, 200, 235
Decimal	11785707
CIELab	83.53, -6.44, -14.52
CIElCh	84, 15.886, 246.104
Yxy	63.1704, 0.2754, 0.3032
Android (android.graphics.Color)	4289975787 (0xFFB3D5EB)
YUV	205.3420, 14.6214, -23.1019
Hunter-Lab	79.4798, -10.2224, -9.8355

Details

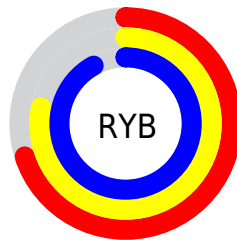
The XYZ color **57.3801, 63.1704, 87.7661** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.2850, 62.6905, 51.4144**, and the grayscale version is **58.1699, 61.1992, 66.6460**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.8210, 32.0684, 47.3186** is the 20% darker color. If you saturate the color by 10%, you get **50.1488, 56.0946, 86.7825**, and if you desaturate by 10%, it is **65.6730, 70.9928, 88.8399**.

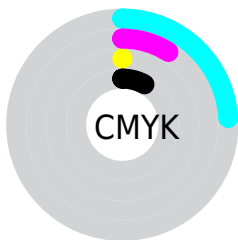
Distribution



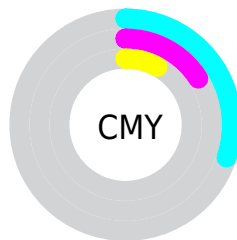
- Red (70%)
- Green (84%)
- Blue (92%)



- Red (70%)
- Yellow (78%)
- Blue (92%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3801, 63.1704, 87.7661 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 57.3801, 63.1704, 87.7661 by changing the saturation by 10% instead.

■ 57.3801, 63.1704,
87.7661

■ 57.3801, 63.1704,
87.7661

404.8633,
436.1876, 541.1184

■ 41.5518, 45.9791,
65.5661

■ 100.1478,
109.4153, 146.1397

■ 28.9401, 32.2293,
47.4660

127.8178,
139.2377, 183.1505

■ 19.1796, 21.5367,
33.0472

160.1659,
174.0392, 225.9353

■ 11.9049, 13.5169,
21.8912

197.5573,
214.2042, 274.9126

■ 6.7507, 7.7854,
13.5794

240.3574,
260.1172, 330.5011

■ 3.3516, 3.9580,
7.6934

288.9315,

■ 1.3423, 1.6501,

312.1625, 393.1192

3.8144

343.6450,
370.7245, 463.1854

■ 0.2146, 0.3910,
1.5241

■ 0.0000, 0.0000,
0.2358

■ 57.3801, 63.1704,
87.7661

■ 57.3801, 63.1704,
87.7661

■ 50.1488, 56.0946,
86.7825

■ 65.6730, 70.9928,
88.8399

■ 43.9243, 49.7292,
85.8819

■ 75.0674, 79.5810,
90.0025

■ 38.6553, 44.0460,
85.0627

■ 85.6082, 88.9625,
91.2577

■ 34.2830, 39.0115,
84.3213

■ 90.3992, 95.5855,
92.2836

■ 30.7420, 34.5882,
83.6542

■ 91.9956, 98.7782,
92.8157

■ 27.9566, 30.7336,
83.0570

■ 25.8351, 27.3967,
82.5247

■ 24.7714, 25.5499,
82.2243

Harmonies

Analogous

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



54.8123, 63.1704, 80.6628



57.3801, 63.1704, 87.7661



60.7536, 63.1704, 89.5773

Triad

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



57.3801, 63.1704, 87.7661



66.9207, 63.1704, 66.7706



56.1965, 63.1704, 54.4741

Complementary

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



57.3801, 63.1704, 87.7661



63.2850, 62.6905, 51.4144

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.



59.3351, 63.1704, 51.4830



57.3801, 63.1704, 87.7661



65.5933, 63.1704, 58.1289

Square

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



57.3801, 63.1704, 87.7661



66.3484, 63.1704, 76.8133



62.7841, 63.1704, 52.7538



54.1476, 63.1704, 61.3306

Rectangle

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



57.3801, 63.1704, 87.7661



63.0244, 63.1704, 87.4007



62.7841, 63.1704, 52.7538



57.1544, 63.1704, 53.0149

Sweetspot

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



57.3820, 63.1730, 87.7675



86.5889, 92.3779, 107.8747



58.7801, 73.1936, 65.9612



18.3842, 19.6367, 23.0713



0.0000, 0.0000, 0.0000



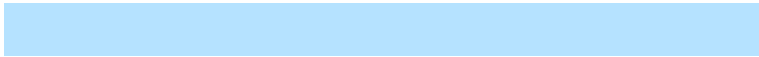
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3820, 63.1730, 87.7675



64.3009, 71.4160, 105.0034



51.0480, 50.5050, 85.6562



14.9923, 16.0710, 19.2341



13.9141, 14.4752, 45.8036



1.1858, 1.3231, 3.6278

Inverse Universe

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



62.3929, 54.7081, 70.2249



71.4948, 59.8164, 79.6940



70.2708, 76.6620, 53.7430



15.4497, 15.2077, 17.6532



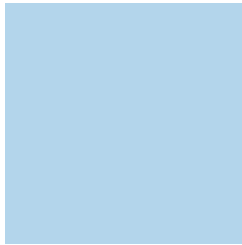
21.8785, 10.9541, 15.6933



1.7650, 0.8790, 1.4801

Previews

White Background



This preview shows how the XYZ color 57.3801, 63.1704, 87.7661 looks on a white background.

Color Contrast Check

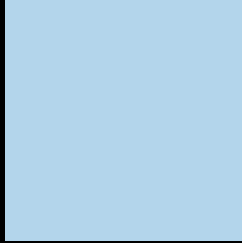
Large Text (above 18pt) WCAG AA × Fail

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 57.3801, 63.1704, 87.7661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

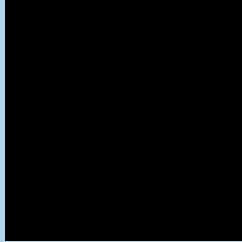
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

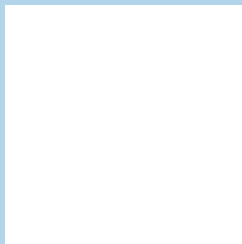
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3801, 63.1704, 87.7661

Background



This preview shows how black text looks on a background with the XYZ color 57.3801, 63.1704, 87.7661.



This preview shows how white text looks on a background with the XYZ color 57.3801, 63.1704,

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

57.3801, 63.1704, 87.7661

Protanopia

61.6719, 62.8913, 84.4901

Deuteranopia

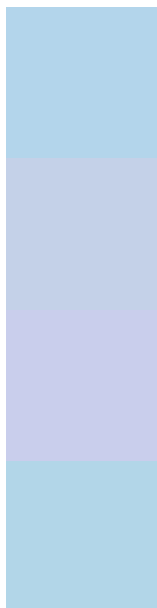
64.1381, 62.6516, 88.8333



Tritanopia

56.8305, 63.3276, 84.8295

Trichromacy



Original Color

57.3801, 63.1704, 87.7661

Protanomaly

60.1309, 63.1629, 85.3663

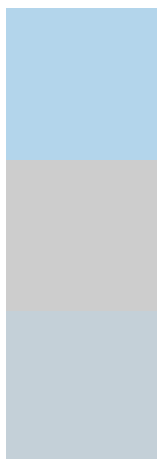
Deuteranomaly

61.2990, 62.6162, 88.2122

Tritanomaly

56.9722, 63.3843, 85.5756

Monochromacy



Original Color

57.3801, 63.1704, 87.7661

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7155, 61.8054, 73.8534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3801, 63.1704, 87.7661 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(179, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 235)  
}
```

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(179, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 57.3801, 63.1704, 87.7661 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(179, 213, 235) }
```


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

```
.border{ border-color:rgb(179, 213, 235) }
```

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

Here you see how a box with a 4 pixel rgb(179, 213, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3801, 63.1704, 87.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 235) }
```

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

```
.background{ background-color: rgb(179,  
213, 235) }
```

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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