

Converting Colors

XYZ(56.5801, 63.1867, 84.9671)

Have a look what the booklet for
XYZ(56.5801, 63.1867, 84.9671)
contains.

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Color

**XYZ(56.6018, 63.2098,
84.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D6E7
RGB	177, 214, 231
RGB Percent	69%, 84%, 91%
CMY	0.3059, 0.1608, 0.0941
CMYK	0.23, 0.07, 0.00, 0.09
HSL	199°, 53%, 80%
HSV	199°, 23%, 91%
XYZ	56.6018, 63.2098, 84.8188
YIQ	204.8750, -27.5090, -2.5570

Conversions

Conversions Part 2

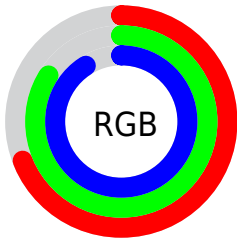
Format	Color
RYB	177, 199, 231
Decimal	11654887
CIELab	83.55, -8.44, -12.38
CIELCh	84, 14.986, 235.708
Yxy	63.2098, 0.2766, 0.3089
Android (android.graphics.Color)	4289844967 (0xFFB1D6E7)
YUV	204.8750, 12.8796, -24.4464
Hunter-Lab	79.5046, -12.0533, -7.5998

Details

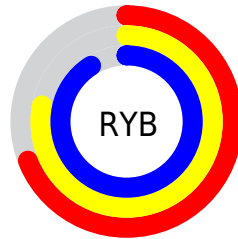
The XYZ color **56.6018, 63.2098, 84.8188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.1832, 58.7469, 49.7635**, and the grayscale version is **57.8837, 60.8981, 66.3181**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.3044, 32.1024, 45.2620** is the 20% darker color. If you saturate the color by 10%, you get **49.9801, 57.1266, 83.9947**, and if you desaturate by 10%, it is **64.2001, 69.9216, 85.7149**.

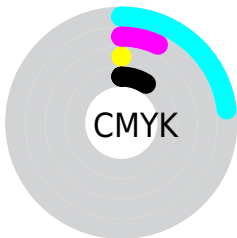
Distribution



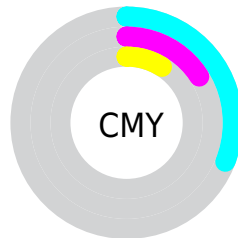
- Red (69%)
- Green (84%)
- Blue (91%)



- Red (69%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6018, 63.2098, 84.8188 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 56.6018, 63.2098, 84.8188 by changing the saturation by 10% instead.

■ 56.6018, 63.2098,
84.8188

■ 56.6018, 63.2098,
84.8188

401.9939,
436.3305, 531.1572

■ 40.9245, 46.0110,
63.1424

■ 99.0186, 109.4721,
141.9919

■ 28.4475, 32.2545,
45.5147

126.4889,
139.3044, 178.3257

■ 18.8055, 21.5559,
31.5171

158.6209,
174.1166, 220.3823

■ 11.6330, 13.5310,
20.7312

195.7799,
214.2932, 268.5803

■ 6.5647, 7.7952,
12.7383

238.3314,
260.2184, 323.3383

■ 3.2353, 3.9642,
7.1200

286.6406,

■ 1.2794, 1.6535,

312.2768, 385.0747

3.4577

341.0730,
370.8527, 454.2082

■ 0.1677, 0.3933,
1.3328

■ 0.0000, 0.0000,
0.0885

■ 56.6018, 63.2098,
84.8188

■ 56.6018, 63.2098,
84.8188

■ 49.9801, 57.1266,
83.9947

■ 64.2001, 69.9216,
85.7149

■ 44.2834, 51.6390,
83.2357

■ 72.8120, 77.2779,
86.6809

■ 39.4638, 46.7223,
82.5407

■ 82.4794, 85.3033,
87.7204

■ 35.4665, 42.3467,
81.9068

■ 87.7412, 91.1840,
88.5782

■ 32.2301, 38.4789,
81.3308

■ 89.9616, 95.6248,
89.3183

■ 29.6839, 35.0806,
80.8091

■ 91.4240, 98.5496,
89.8058

■ 27.7421, 32.1060,
80.3373

■ 26.7004, 30.3225,
80.0479

Harmonies

Analogous

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



54.5840, 63.2098, 76.9446



56.6018, 63.2098, 84.8188



59.6091, 63.2098, 88.4123

Triad

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



56.6018, 63.2098, 84.8188



66.5772, 63.2098, 70.1829



57.3897, 63.2098, 53.8259

Complementary

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



56.6018, 63.2098, 84.8188



60.1832, 58.7469, 49.7635

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.



60.5514, 63.2098, 52.3675



56.6018, 63.2098, 84.8188



65.9310, 63.2098, 61.2972

Square

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



56.6018, 63.2098, 84.8188



65.4310, 63.2098, 79.4896



63.6958, 63.2098, 54.9794



55.0271, 63.2098, 59.1591

Rectangle

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



56.6018, 63.2098, 84.8188



61.7993, 63.2098, 87.6786



63.6958, 63.2098, 54.9794



58.3909, 63.2098, 52.8882

Sweetspot

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



56.6037, 63.2124, 84.8202



87.0189, 93.2378, 108.0180



56.3565, 70.3593, 61.1808



18.4839, 19.8360, 23.1045



0.0000, 0.0000, 0.0000



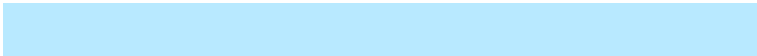
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6037, 63.2124, 84.8202



66.7263, 75.3707, 105.6389



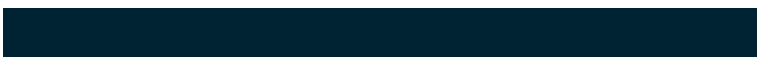
50.4970, 50.9990, 82.7847



14.4048, 15.5309, 18.3829



15.0844, 17.2309, 44.9140



1.1970, 1.4380, 3.3464

Inverse Universe

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



60.8162, 53.2897, 70.7019



72.9378, 61.2311, 84.7106



66.5377, 71.4559, 51.8817



14.7919, 14.5339, 17.1045



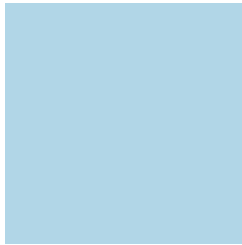
22.0074, 10.9372, 19.4658



1.6678, 0.8248, 1.6573

Previews

White Background



This preview shows how the XYZ color 56.6018, 63.2098, 84.8188 looks on a white background.

Color Contrast Check

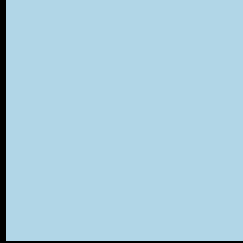
Large Text (above 18pt) WCAG AA × Fail

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 56.6018, 63.2098, 84.8188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

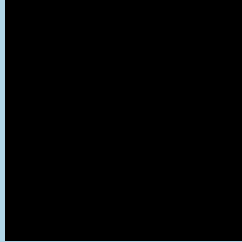
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6018, 63.2098, 84.8188

Background



This preview shows how black text looks on a background with the XYZ color 56.6018, 63.2098, 84.8188.



This preview shows how white text looks on a background with the XYZ color 56.6018, 63.2098,

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

56.6018, 63.2098, 84.8188

Protanopia

61.2524, 62.7554, 80.8362

Deuteranopia

64.1474, 62.7232, 85.8166



Tritanopia

56.6018, 63.2098, 84.8188

Trichromacy



Original Color

56.6018, 63.2098, 84.8188

Protanomaly

59.3097, 62.8045, 82.3953

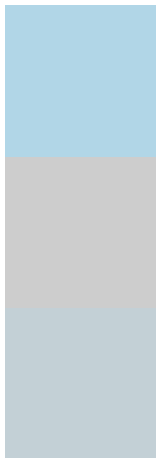
Deuteranomaly

60.9939, 62.5254, 85.1978

Tritanomaly

56.6018, 63.2098, 84.8188

Monochromacy



Original Color

56.6018, 63.2098, 84.8188

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1992, 61.5689, 72.4876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6018, 63.2098, 84.8188 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(177, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 214, 231)  
}
```

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(177, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 56.6018, 63.2098, 84.8188 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(177, 214, 231) }
```


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

```
.border{ border-color:rgb(177, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6018, 63.2098, 84.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 214, 231) }
```

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

```
.background{ background-color: rgb(177,  
214, 231) }
```

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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