

Converting Colors

XYZ(56.9526, 61.3963, 85.3694)

Have a look what the booklet for
XYZ(56.9526, 61.3963, 85.3694)
contains.

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Color

**XYZ(56.8944, 61.4944,
85.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D1E8
RGB	183, 209, 232
RGB Percent	72%, 82%, 91%
CMY	0.2823, 0.1804, 0.0902
CMYK	0.21, 0.10, 0.00, 0.09
HSL	208°, 52%, 81%
HSV	208°, 21%, 91%
XYZ	56.8944, 61.4944, 85.2149
YIQ	203.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

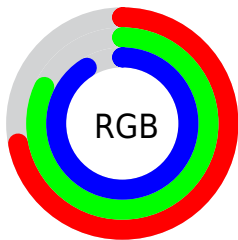
Format	Color
R _Y B	183, 200, 232
Decimal	12046824
CIE Lab	82.64, -3.80, -14.23
CIE LCh	83, 14.733, 255.043
Yxy	61.4944, 0.2794, 0.3020
Android (android.graphics.Color)	4290236904 (0xFFB7D1E8)
YUV	203.8480, 13.8789, -18.2837
Hunter-Lab	78.4184, -7.7261, -9.5358

Details

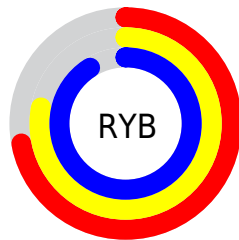
The XYZ color **56.8944, 61.4944, 85.2149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8979, 64.7175, 53.9251**, and the grayscale version is **57.2255, 60.2057, 65.5640**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.6111, 31.2444, 45.5971** is the 20% darker color. If you saturate the color by 10%, you get **49.2439, 53.7205, 84.1186**, and if you desaturate by 10%, it is **65.6407, 70.1074, 86.4174**.

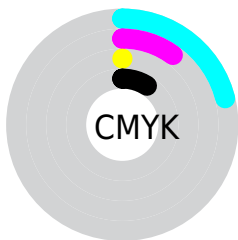
Distribution



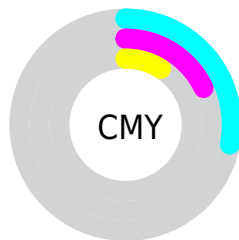
- Red (72%)
- Green (82%)
- Blue (91%)



- Red (72%)
- Yellow (78%)
- Blue (91%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8944, 61.4944, 85.2149 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 56.8944, 61.4944, 85.2149 by changing the saturation by 10% instead.

■ 56.8944, 61.4944,
85.2149

■ 56.8944, 61.4944,
85.2149

403.0741,
430.0844, 532.5020

■ 41.1603, 44.6243,
63.4678

■ 99.4433, 106.9945,
142.5502

■ 28.6326, 31.1616,
45.7763

126.9889,
136.3932, 178.9755

■ 18.9459, 20.7219,
31.7220

159.2022,
170.7369, 221.1306

■ 11.7350, 12.9209,
20.8862

196.4488,
210.4101, 269.4340

■ 6.6344, 7.3741,
12.8504

239.0939,
255.7970, 324.3043

■ 3.2788, 3.6971,
7.1961

287.5029,

■ 1.3029, 1.5056,

307.2821, 386.1601

3.5047

342.0412,
365.2498, 455.4198

■ 0.1854, 0.2927,
1.3578

■ 0.0000, 0.0000,
0.1084

■ 56.8944, 61.4944,
85.2149

■ 56.8944, 61.4944,
85.2149

■ 49.2439, 53.7205,
84.1186

■ 65.6407, 70.1074,
86.4174

■ 42.6356, 46.7480,
83.1211

■ 75.5224, 79.5804,
87.7251

■ 37.0193, 40.5471,
82.2202

■ 86.5835, 89.9428,
89.1422

■ 32.3381, 35.0827,
81.4122

■ 90.7920, 97.0589,
90.2939

■ 28.5289, 30.3163,
80.6930

■ 91.5657, 98.6063,
90.5518

■ 25.5195, 26.2046,
80.0579

■ 23.2244, 22.6971,
79.5019

■ 21.6628, 20.0205,
79.0675

Harmonies

Analogous

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



54.2597, 61.4944, 80.0410



56.8944, 61.4944, 85.2149



60.0398, 61.4944, 85.2069

Triad

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



56.8944, 61.4944, 85.2149



64.5149, 61.4944, 62.5413



54.2535, 61.4944, 55.3989

Complementary

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



56.8944, 61.4944, 85.2149



63.8979, 64.7175, 53.9251

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.



56.8857, 61.4944, 51.5188



56.8944, 61.4944, 85.2149



62.8477, 61.4944, 55.3826

Square

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



56.8944, 61.4944, 85.2149



64.5174, 61.4944, 71.5492



60.0308, 61.4944, 51.5131



52.7728, 61.4944, 62.5655

Rectangle

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



56.8944, 61.4944, 85.2149



62.0073, 61.4944, 82.2380



60.0308, 61.4944, 51.5131



55.0287, 61.4944, 53.6968

Sweetspot

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



56.8963, 61.4969, 85.2163



87.3952, 92.7164, 107.8976



59.5107, 72.2315, 69.1144



18.5346, 19.6805, 23.0718



0.0000, 0.0000, 0.0000



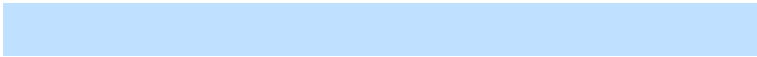
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8963, 61.4969, 85.2163



66.5455, 72.2223, 105.0407



51.3676, 50.4396, 83.3734



14.2128, 15.1471, 18.3189



12.1535, 11.3690, 43.9371



0.9909, 1.0258, 3.2777

Inverse Universe

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



61.7223, 55.6277, 67.8085



73.5268, 64.0713, 79.7828



70.2260, 77.3738, 56.0345



14.6950, 14.4952, 16.5944



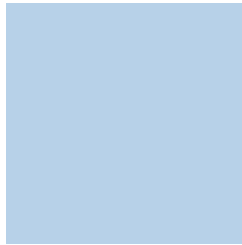
20.5280, 10.3454, 11.6754



1.5638, 0.7832, 1.1095

Previews

White Background



This preview shows how the XYZ color 56.8944, 61.4944, 85.2149 looks on a white background.

Color Contrast Check

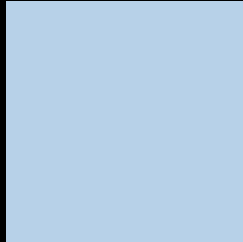
Large Text (above 18pt) WCAG AA × Fail

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 56.8944, 61.4944, 85.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

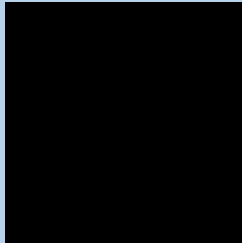
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

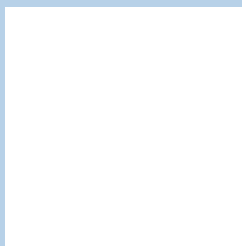
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8944, 61.4944, 85.2149

Background



This preview shows how black text looks on a background with the XYZ color 56.8944, 61.4944, 85.2149.



This preview shows how white text looks on a background with the XYZ color 56.8944, 61.4944,

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

56.8944, 61.4944, 85.2149

Protanopia

60.0928, 61.3994, 82.8128

Deuteranopia

62.6569, 61.2461, 86.3612



Tritanopia

56.2031, 61.5843, 81.5978

Trichromacy



Original Color

56.8944, 61.4944, 85.2149

Protanomaly

58.8599, 61.4579, 83.6232

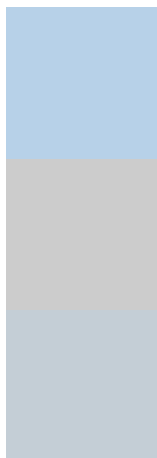
Deuteranomaly

60.1513, 61.0126, 85.6971

Tritanomaly

56.4809, 61.6954, 83.0603

Monochromacy



Original Color

56.8944, 61.4944, 85.2149

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9739, 60.7334, 72.3382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8944, 61.4944, 85.2149 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(183, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 232)  
}
```

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(183, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 56.8944, 61.4944, 85.2149 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(183, 209, 232) }
```


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

```
.border{ border-color:rgb(183, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8944, 61.4944, 85.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 232) }
```

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

```
.background{ background-color: rgb(183,  
209, 232) }
```

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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