

Converting Colors

XYZ(56.4659, 60.9592, 82.9190)

Have a look what the booklet for
XYZ(56.4659, 60.9592, 82.9190)
contains.

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Color

**XYZ(56.4659, 60.9592,
82.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D0E5
RGB	184, 208, 229
RGB Percent	72%, 82%, 90%
CMY	0.2784, 0.1843, 0.1020
CMYK	0.20, 0.09, 0.00, 0.10
HSL	208°, 46%, 81%
HSV	208°, 20%, 90%
XYZ	56.4659, 60.9592, 82.9190
YIQ	203.2180, -21.0450, 1.4430

Conversions

Conversions Part 2

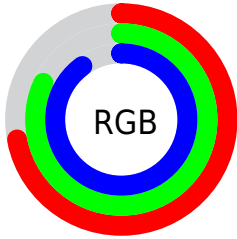
Format	Color
RYB	184, 200, 229
Decimal	12112101
CIELab	82.36, -3.63, -13.06
CIELCh	82, 13.553, 254.482
Yxy	60.9592, 0.2818, 0.3043
Android (android.graphics.Color)	4290302181 (0xFFB8D0E5)
YUV	203.2180, 12.7105, -16.8542
Hunter-Lab	78.0764, -7.5400, -8.3140

Details

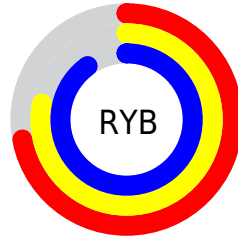
The XYZ color **56.4659, 60.9592, 82.9190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7968, 63.7815, 54.3501**, and the grayscale version is **56.8352, 59.7951, 65.1169**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **28.4015, 30.9130, 44.5143** is the 20% darker color. If you saturate the color by 10%, you get **48.9003, 53.3223, 81.8447**, and if you desaturate by 10%, it is **65.0987, 69.4099, 84.0961**.

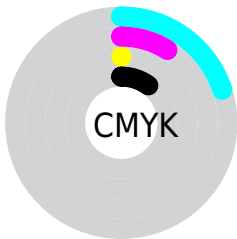
Distribution



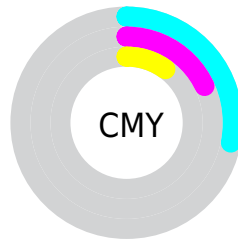
- Red (72%)
- Green (82%)
- Blue (90%)



- Red (72%)
- Yellow (78%)
- Blue (90%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4659, 60.9592, 82.9190 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 56.4659, 60.9592, 82.9190 by changing the saturation by 10% instead.

■ 56.4659, 60.9592,
82.9190

■ 56.4659, 60.9592,
82.9190

401.4915,
428.1244, 524.6805

■ 40.8150, 44.1922,
61.5831

■ 98.8213, 106.2199,
139.3102

■ 28.3616, 30.8217,
44.2623

126.2566,
135.4823, 175.2026

■ 18.7403, 20.4631,
30.5381

158.3507,
169.6788, 216.7843

■ 11.5857, 12.7321,
19.9919

195.4690,
209.1936, 264.4738

■ 6.5324, 7.2443,
12.2051

237.9769,
254.4112, 318.6896

■ 3.2151, 3.6154,
6.7593

286.2397,

■ 1.2685, 1.4608,

305.7159, 379.8503

3.2359

340.6228,
363.4922, 448.3744

■ 0.1595, 0.2609,
1.2163

■ 0.0000, 0.0000,
0.0000

■ 56.4659, 60.9592,
82.9190

■ 56.4659, 60.9592,
82.9190

■ 48.9003, 53.3223,
81.8447

■ 65.0987, 69.4099,
84.0961

■ 42.3504, 46.4629,
80.8659

■ 74.8362, 78.6942,
85.3750

■ 36.7681, 40.3527,
79.9807

■ 85.7210, 88.8402,
86.7597

■ 32.0994, 34.9582,
79.1855

■ 89.8011, 95.7533,
87.8790

■ 28.2840, 30.2428,
78.4765

■ 91.1431, 98.4372,
88.3263

■ 25.2538, 26.1656,
77.8492

■ 22.9283, 22.6791,
77.2988

■ 21.1766, 19.7094,
76.8179

■ 21.1205, 19.6121,
76.8021

Harmonies

Analogous

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



54.0651, 60.9592, 78.1608



56.4659, 60.9592, 82.9190



59.3406, 60.9592, 83.0055

Triad

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



56.4659, 60.9592, 82.9190



63.4882, 60.9592, 62.4736



54.1330, 60.9592, 55.6552

Complementary

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



56.4659, 60.9592, 82.9190



62.7968, 63.7815, 54.3501

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.



56.5614, 60.9592, 52.1275



56.4659, 60.9592, 82.9190



61.9955, 60.9592, 55.8364

Square

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



56.4659, 60.9592, 82.9190



63.4606, 60.9592, 70.7236



59.4393, 60.9592, 52.1910



52.7490, 60.9592, 62.2069

Rectangle

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



56.4659, 60.9592, 82.9190



61.1430, 60.9592, 80.3753



59.4393, 60.9592, 52.1910



54.8506, 60.9592, 54.1015

Sweetspot

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



56.4677, 60.9617, 82.9204



87.4080, 92.7420, 107.9018



58.7168, 70.6018, 67.8182



18.5376, 19.6866, 23.0728



0.0000, 0.0000, 0.0000



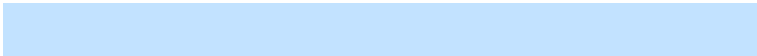
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4677, 60.9617, 82.9204



67.5638, 73.2969, 105.1945



51.5230, 51.0722, 81.2721



14.2162, 15.1538, 18.3200



12.1973, 11.4566, 43.9517



0.9941, 1.0322, 3.2788

Inverse Universe

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



60.8402, 55.4946, 67.1821



74.2757, 65.2700, 80.9543



68.3667, 74.9213, 56.2068



14.6967, 14.4959, 16.6033



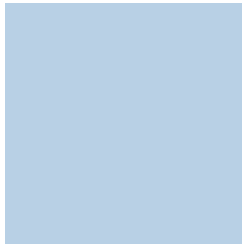
20.5501, 10.3543, 11.7918



1.5654, 0.7839, 1.1180

Previews

White Background



This preview shows how the XYZ color 56.4659, 60.9592, 82.9190 looks on a white background.

Color Contrast Check

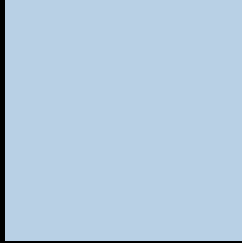
Large Text (above 18pt) WCAG AA × Fail

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 56.4659, 60.9592, 82.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

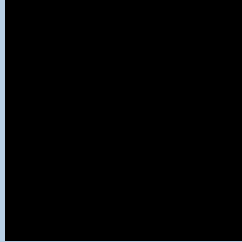
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

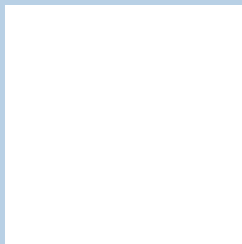
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4659, 60.9592, 82.9190

Background



This preview shows how black text looks on a background with the XYZ color 56.4659, 60.9592, 82.9190.



This preview shows how white text looks on a background with the XYZ color 56.4659, 60.9592,

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

56.4659, 60.9592, 82.9190

Protanopia

59.4405, 60.7594, 80.5464

Deuteranopia

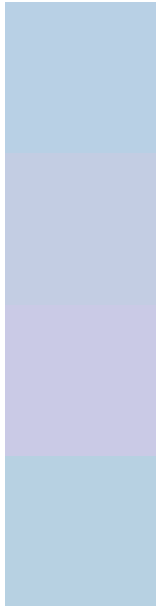
61.9986, 60.6134, 84.0332



Tritanopia

55.9195, 61.1045, 80.0812

Trichromacy



Original Color

56.4659, 60.9592, 82.9190

Protanomaly

58.2021, 60.8108, 81.3431

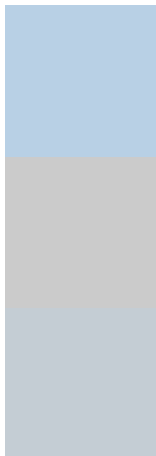
Deuteranomaly

59.7606, 60.5108, 83.3929

Tritanomaly

56.0564, 61.1592, 80.8019

Monochromacy



Original Color

56.4659, 60.9592, 82.9190

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4799, 60.1519, 70.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4659, 60.9592, 82.9190 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(184, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(184, 208, 229)  
}
```

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(184, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 229) }
```

Border

The CSS property to change the border of an element to XYZ 56.4659, 60.9592, 82.9190 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(184, 208, 229) }
```


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

```
.border{ border-color:rgb(184, 208, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4659, 60.9592, 82.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 208, 229) }
```

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

```
.background{ background-color: rgb(184,  
208, 229) }
```

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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