

Converting Colors

XYZ(58.9282, 69.6282, 61.3737)

Have a look what the booklet for
XYZ(58.9282, 69.6282, 61.3737)
contains.

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Color

**XYZ(58.9263, 69.6252,
61.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E2C2
RGB	193, 226, 194
RGB Percent	76%, 89%, 76%
CMY	0.2431, 0.1137, 0.2392
CMYK	0.15, 0.00, 0.14, 0.11
HSL	122°, 36%, 82%
HSV	122°, 15%, 89%
XYZ	58.9263, 69.6252, 61.3722
YIQ	212.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

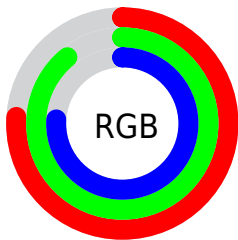
Format	Color
RYB	193, 225, 226
Decimal	12706498
CIELab	86.81, -16.81, 12.05
CIElCh	87, 20.689, 144.363
Yxy	69.6252, 0.3103, 0.3666
Android (android.graphics.Color)	4290896578 (0xFFC1E2C2)
YUV	212.4850, -9.1131, -17.0883
Hunter-Lab	83.4417, -19.9668, 14.8008

Details

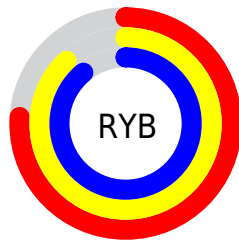
The XYZ color **58.9263, 69.6252, 61.3722** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.0271, 59.7466, 79.3951**, and the grayscale version is **62.9670, 66.2462, 72.1421**.

A 20% lighter version of the original color is **92.5969, 98.8090, 105.4585**, and **29.9440, 36.5082, 30.2795** is the 20% darker color. If you saturate the color by 10%, you get **51.3168, 65.9681, 49.1017**, and if you desaturate by 10%, it is **67.7831, 73.8874, 75.5988**.

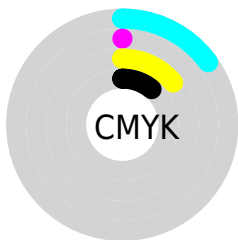
Distribution



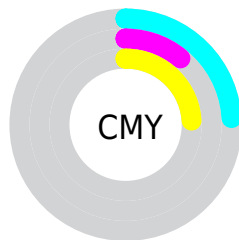
- Red (76%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9263, 69.6252, 61.3722 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 58.9263, 69.6252, 61.3722 by changing the saturation by 10% instead.

■ 58.9263, 69.6252,
61.3722

■ 58.9263, 69.6252,
61.3722

410.5272,
459.2329, 447.5817

■ 42.7999, 51.2210,
44.0931

■ 102.3858,
118.6741, 108.3804

■ 29.9220, 36.3846,
30.4060

130.4496,
150.0876, 138.9467

■ 19.9272, 24.7313,
19.8923

163.2233,
186.6064, 174.7790

■ 12.4501, 15.8770,
12.1335

201.0722,
228.6149, 216.2961

■ 7.1254, 9.4372,
6.7110

244.3617,
276.4973, 263.9163

■ 3.5876, 5.0274,
3.2063


293.4571,

■ 1.4716, 2.2634,


330.6382, 318.0583


1.2009

348.7238,
391.4220, 379.1406


 0.3064, 0.7542,
0.0000


 0.0000, 0.0000,
0.0000


 58.9263, 69.6252,
61.3722


 58.9263, 69.6252,
61.3722

 51.3168, 65.9681,
49.1017


 67.7831, 73.8874,
75.5988

 44.8932, 62.8802,
38.6973

 77.9336, 78.7708,
91.8569

 39.5975, 60.3357,
30.0693

 86.4877, 82.8754,
106.0459

 35.3646, 58.3030,
23.1183

■ 32.1228, 56.7476,
17.7353

■ 29.7914, 55.6304,
13.7986

■ 28.2772, 54.9065,
11.1685

■ 27.4669, 54.5209,
9.6777

■ 27.2352, 54.4104,
9.2635

Harmonies

Analogous

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



62.4265, 69.6252, 54.1097



58.9263, 69.6252, 61.3722



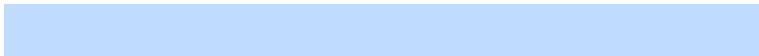
57.3751, 69.6252, 73.2325

Triad

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



58.9263, 69.6252, 61.3722



65.2704, 69.6252, 105.4121



74.9838, 69.6252, 65.3791

Complementary

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



58.9263, 69.6252, 61.3722



64.0271, 59.7466, 79.3951

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.



75.8353, 69.6252, 78.4473



58.9263, 69.6252, 61.3722



70.0741, 69.6252, 102.6519

Square

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



58.9263, 69.6252, 61.3722



60.9221, 69.6252, 99.4936



73.9986, 69.6252, 92.3512



71.7250, 69.6252, 56.2189

Rectangle

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



58.9263, 69.6252, 61.3722



57.5980, 69.6252, 82.5870



73.9986, 69.6252, 92.3512



75.5674, 69.6252, 69.4143

Sweetspot

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



58.9282, 69.6282, 61.3737



89.8446, 97.4958, 100.5569



68.0168, 74.3265, 61.2145



19.0275, 20.7705, 21.1979



0.0000, 0.0000, 0.0000



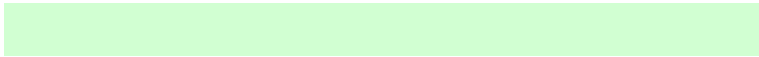
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9282, 69.6282, 61.3737



73.7770, 89.7676, 74.7326



60.8299, 70.3888, 71.3879



13.5455, 15.3439, 14.6421



15.5448, 31.0428, 5.3257



1.0835, 2.1541, 0.4009

Inverse Universe

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



64.0271, 59.7466, 79.3951



81.8918, 74.0407, 103.4129



61.9387, 58.9112, 68.3977



14.2761, 13.9281, 17.2243



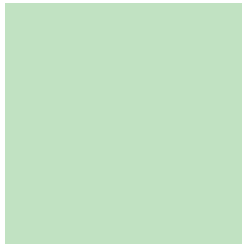
25.2074, 12.1500, 39.3535



1.7530, 0.8445, 2.7580

Previews

White Background



This preview shows how the XYZ color 58.9263, 69.6252, 61.3722 looks on a white background.

Color Contrast Check

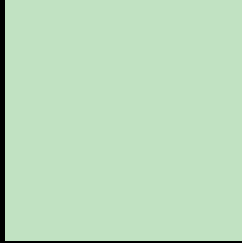
Large Text (above 18pt) WCAG AA × Fail

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 58.9263, 69.6252, 61.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

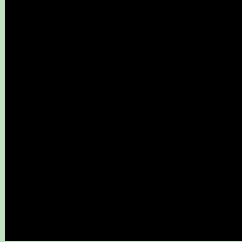
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

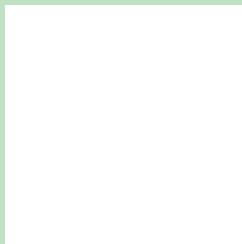
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9263, 69.6252, 61.3722

Background



This preview shows how black text looks on a background with the XYZ color 58.9263, 69.6252, 61.3722.

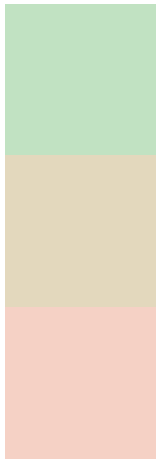


This preview shows how white text looks on a background with the XYZ color 58.9263, 69.6252,

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

58.9263, 69.6252, 61.3722

Protanopia

65.4197, 69.1168, 58.0370

Deuteranopia

70.5347, 69.0446, 62.4327



Tritanopia

64.6987, 69.5802, 90.1411

Trichromacy



Original Color

58.9263, 69.6252, 61.3722

Protanomaly

63.0215, 69.3951, 59.3632

Deuteranomaly

65.6283, 68.7552, 62.0366

Tritanomaly

62.1984, 69.3333, 78.5111

Monochromacy



Original Color

58.9263, 69.6252, 61.3722

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0091, 67.0126, 67.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9263, 69.6252, 61.3722 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(193, 226, 194) looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 194)  
}
```

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(193, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.9263, 69.6252, 61.3722 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(193, 226, 194) }
```


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

```
.border{ border-color:rgb(193, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9263, 69.6252, 61.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 194) }
```

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

```
.background{ background-color: rgb(193,  
226, 194) }
```

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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