

Converting Colors

XYZ(55.8535, 61.7879, 59.5071)

Have a look what the booklet for
XYZ(55.8535, 61.7879, 59.5071)
contains.

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Color

**XYZ(55.9609, 61.9492,
59.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D2C1
RGB	198, 210, 193
RGB Percent	78%, 82%, 76%
CMY	0.2235, 0.1765, 0.2431
CMYK	0.06, 0.00, 0.08, 0.18
HSL	102°, 16%, 79%
HSV	102°, 8%, 82%
XYZ	55.9609, 61.9492, 59.4600
YIQ	204.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

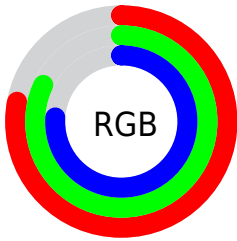
Format	Color
RYB	193, 210, 205
Decimal	13030081
CIELab	82.89, -7.17, 7.02
CIELCh	83, 10.030, 135.593
Yxy	61.9492, 0.3155, 0.3493
Android (android.graphics.Color)	4291220161 (0xFFC6D2C1)
YUV	204.4740, -5.6567, -5.6777
Hunter-Lab	78.7078, -10.8260, 10.3047

Details

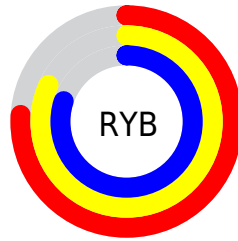
The XYZ color **55.9609, 61.9492, 59.4600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8821, 55.7739, 68.7961**, and the grayscale version is **57.7314, 60.7379, 66.1436**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **28.1237, 31.5997, 29.4280** is the 20% darker color. If you saturate the color by 10%, you get **50.0645, 59.1630, 47.8112**, and if you desaturate by 10%, it is **62.5760, 65.0710, 72.8816**.

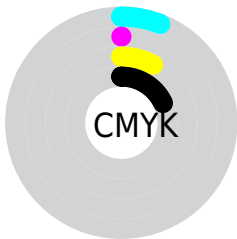
Distribution



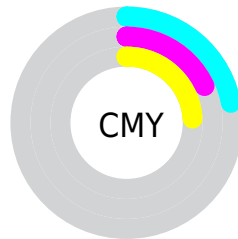
- Red (78%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9609, 61.9492, 59.4600 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 55.9609, 61.9492, 59.4600 by changing the saturation by 10% instead.

■ 55.9609, 61.9492,
59.4600

■ 55.9609, 61.9492,
59.4600

399.6215,
431.7458, 440.3537

■ 40.4085, 44.9917,
42.5611

■ 98.0875, 107.6521,
105.5816

■ 28.0428, 31.4509,
29.2120

125.3925,
137.1663, 135.6414

■ 18.4985, 20.9424,
18.9943

157.3456,
171.6347, 170.9252

■ 11.4103, 13.0819,
11.4894

194.3122,
211.4419, 211.8516

■ 6.4129, 7.4850,
6.2787

236.6578,
256.9722, 258.8391

■ 3.1407, 3.7672,
2.9438

284.7476,

■ 1.2286, 1.5442,

308.6100, 312.3063

1.0660

338.9471,
366.7398, 372.6716

■ 0.1288, 0.3195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9609, 61.9492,
59.4600

■ 55.9609, 61.9492,
59.4600

■ 50.0645, 59.1630,
47.8112

■ 62.5760, 65.0710,
72.8816

■ 44.8568, 56.6933,
37.8571

■ 69.9284, 68.5311,
88.1414

■ 40.3131, 54.5307,
29.5199

■ 77.8801, 72.2776,
104.4540

■ 36.4052, 52.6628,
22.7141

■ 82.3378, 74.5756,
104.6626

■ 33.1030, 51.0758,
17.3462

■ 30.3733, 49.7550,
13.3128

■ 28.1797, 48.6843,
10.4963

■ 26.4807, 47.8451,
8.7589

■ 25.2213, 47.2136,
7.8986

Harmonies

Analogous

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



57.7705, 61.9492, 56.6230



55.9609, 61.9492, 59.4600



54.9458, 61.9492, 64.5333

Triad

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



55.9609, 61.9492, 59.4600



57.8527, 61.9492, 79.6521



62.9761, 61.9492, 64.3024

Complementary

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



55.9609, 61.9492, 59.4600



55.8821, 55.7739, 68.7961

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.



62.9994, 61.9492, 70.4577



55.9609, 61.9492, 59.4600



60.0053, 61.9492, 79.5809

Square

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



55.9609, 61.9492, 59.4600



56.0198, 61.9492, 76.3193



61.9007, 61.9492, 76.1302



61.8377, 61.9492, 59.2999

Rectangle

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



55.9609, 61.9492, 59.4600



54.8400, 61.9492, 68.6191



61.9007, 61.9492, 76.1302



63.1155, 61.9492, 66.2985

Sweetspot

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



55.9626, 61.9519, 59.4614



92.9274, 98.9994, 104.5713



58.0139, 61.1694, 59.2022



19.9126, 21.2004, 22.4279



0.0000, 0.0000, 0.0000



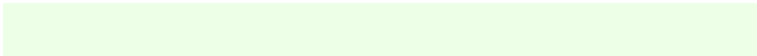
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9626, 61.9519, 59.4614



84.8971, 95.2093, 88.3980



55.0502, 61.4372, 61.4220



11.9783, 13.3723, 12.5618



15.3482, 28.7813, 4.7464



0.9376, 1.6502, 0.2691

Inverse Universe

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



55.8821, 55.7739, 68.7961



84.7430, 83.4013, 106.2394



56.8642, 56.3286, 66.6536



11.9582, 11.8273, 14.8963



14.6782, 6.7472, 37.7212



0.8979, 0.4171, 2.1127

Previews

White Background



This preview shows how the XYZ color 55.9609, 61.9492, 59.4600 looks on a white background.

Color Contrast Check

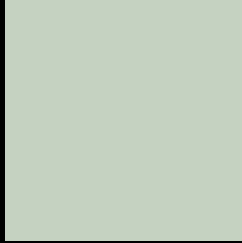
Large Text (above 18pt) WCAG AA × Fail

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 55.9609, 61.9492, 59.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

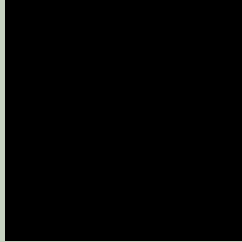
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

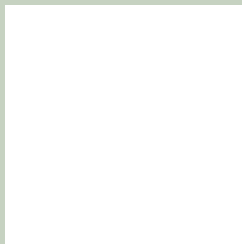
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9609, 61.9492, 59.4600

Background



This preview shows how black text looks on a background with the XYZ color 55.9609, 61.9492, 59.4600.



This preview shows how white text looks on a background with the XYZ color 55.9609, 61.9492,

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

55.9609, 61.9492, 59.4600

Protanopia

58.9668, 61.7204, 58.0956

Deuteranopia

62.9069, 61.6100, 60.2061



Tritanopia

59.8847, 62.1130, 77.9400

Trichromacy



Original Color

55.9609, 61.9492, 59.4600

Protanomaly

57.8397, 61.8413, 58.7573

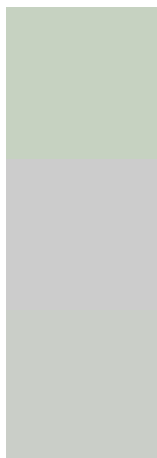
Deuteranomaly

60.0070, 61.5123, 59.7493

Tritanomaly

58.1581, 61.7463, 70.4810

Monochromacy



Original Color

55.9609, 61.9492, 59.4600

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8538, 60.8693, 63.3960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9609, 61.9492, 59.4600 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(198, 210, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 193)  
}
```

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(198, 210, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.9609, 61.9492, 59.4600 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(198, 210, 193) }
```


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

```
.border{ border-color:rgb(198, 210, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9609, 61.9492, 59.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 193) }
```

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

```
.background{ background-color: rgb(198,  
210, 193) }
```

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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