

Converting Colors

XYZ(56.6097, 62.4663, 62.1061)

Have a look what the booklet for
XYZ(56.6097, 62.4663, 62.1061)
contains.

XYZ(56.6610, 62.6255, 61.9249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6610, 62.6255,
61.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3C5
RGB	198, 211, 197
RGB Percent	78%, 83%, 77%
CMY	0.2235, 0.1725, 0.2274
CMYK	0.06, 0.00, 0.07, 0.17
HSL	116°, 14%, 80%
HSV	116°, 7%, 83%
XYZ	56.6610, 62.6255, 61.9249
YIQ	205.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

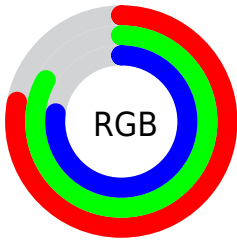
Format	Color
RYB	197, 211, 210
Decimal	13030341
CIELab	83.24, -6.97, 5.41
CIELCh	83, 8.823, 142.193
Yxy	62.6255, 0.3127, 0.3456
Android (android.graphics.Color)	4291220421 (0xFFC6D3C5)
YUV	205.5170, -4.1989, -6.5924
Hunter-Lab	79.1363, -10.6838, 9.0004

Details

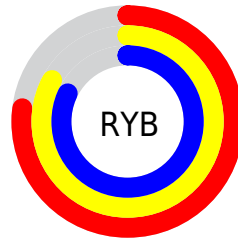
The XYZ color **56.6610, 62.6255, 61.9249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3049, 58.3390, 69.8188**, and the grayscale version is **58.3865, 61.4271, 66.8942**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **28.5165, 32.0264, 30.6653** is the 20% darker color. If you saturate the color by 10%, you get **49.5758, 59.2348, 49.8435**, and if you desaturate by 10%, it is **64.7563, 66.5014, 75.8227**.

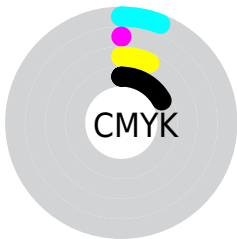
Distribution



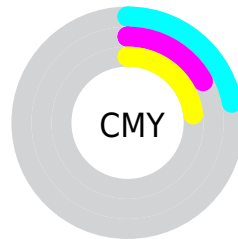
- Red (78%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6610, 62.6255, 61.9249 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 56.6610, 62.6255, 61.9249 by changing the saturation by 10% instead.

■ 56.6610, 62.6255,
61.9249

■ 56.6610, 62.6255,
61.9249

402.2126,
434.2091, 449.6572

■ 40.9722, 45.5383,
44.5366

99.1046, 108.6290,
109.1875

■ 28.4849, 31.8816,
30.7523

126.5901,
138.3142, 139.8990

■ 18.8339, 21.2711,
20.1534

158.7386,
172.9674, 175.8885

■ 11.6536, 13.3223,
12.3214

195.9153,
212.9732, 217.5747

■ 6.5788, 7.6509,
6.8378

238.4858,
258.7158, 265.3762

■ 3.2441, 3.8724,
3.2840

286.8152,

■ 1.2841, 1.6024,

310.5798, 319.7114

1.2414

341.2690,
368.9494, 380.9989

■ 0.1713, 0.3592,
0.0130

■ 0.0000, 0.0000,
0.0000

■ 56.6610, 62.6255,
61.9249

■ 56.6610, 62.6255,
61.9249

■ 49.5758, 59.2348,
49.8435

■ 64.7563, 66.5014,
75.8227

■ 43.4562, 56.3026,
39.4997

■ 73.8938, 70.8721,
91.6034

■ 38.2617, 53.8117,
30.8148

■ 82.5855, 75.0710,
104.7452

■ 33.9474, 51.7405,
23.7026

■ 30.4643, 50.0660,
18.0689

■ 27.7589, 48.7627,
13.8097

■ 25.7710, 47.8023,
10.8073

■ 24.4318, 47.1523,
8.9247

■ 23.6577, 46.7732,
7.9850

Harmonies

Analogous

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



58.1433, 62.6255, 58.8810



56.6610, 62.6255, 61.9249



55.9489, 62.6255, 66.7657

Triad

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



56.6610, 62.6255, 61.9249



59.0248, 62.6255, 79.1814



62.9993, 62.6255, 64.2815

Complementary

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



56.6610, 62.6255, 61.9249



58.3049, 58.3390, 69.8188

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.



63.2475, 62.6255, 69.6314



56.6610, 62.6255, 61.9249



60.9257, 62.6255, 78.4285

Square

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



56.6610, 62.6255, 61.9249



57.2944, 62.6255, 76.8661



62.4811, 62.6255, 74.8609



61.8100, 62.6255, 60.1899

Rectangle

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



56.6610, 62.6255, 61.9249



55.9959, 62.6255, 70.4405



62.4811, 62.6255, 74.8609



63.1966, 62.6255, 65.9850

Sweetspot

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



56.6627, 62.6282, 61.9263



92.5187, 98.7887, 104.5522



59.9502, 63.8941, 61.9973



19.8293, 21.1575, 22.4240



0.0000, 0.0000, 0.0000



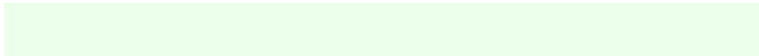
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6627, 62.6282, 61.9263



85.3084, 95.3376, 92.2004



57.0818, 62.7655, 65.5041



11.7334, 13.2460, 12.5504



14.2099, 28.1944, 4.6931



0.8225, 1.5909, 0.2637

Inverse Universe

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



58.3049, 58.3390, 69.8188



88.3502, 87.3927, 106.8197



57.8720, 58.1988, 66.0487



12.2240, 11.9643, 14.9087



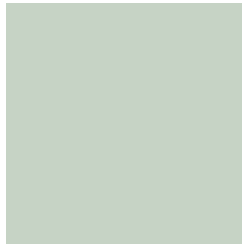
20.8614, 9.9347, 38.0106



1.1919, 0.5686, 2.1265

Previews

White Background



This preview shows how the XYZ color 56.6610, 62.6255, 61.9249 looks on a white background.

Color Contrast Check

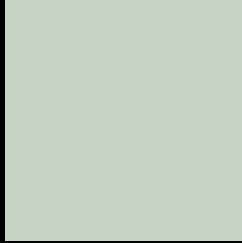
Large Text (above 18pt) WCAG AA × Fail

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 56.6610, 62.6255, 61.9249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

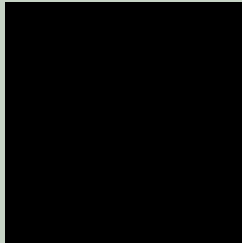
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

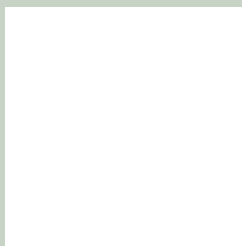
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6610, 62.6255, 61.9249

Background



This preview shows how black text looks on a background with the XYZ color 56.6610, 62.6255, 61.9249.



This preview shows how white text looks on a background with the XYZ color 56.6610, 62.6255,

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

56.6610, 62.6255, 61.9249

Protanopia

59.5405, 62.3338, 59.9324

Deuteranopia

63.5962, 62.2551, 62.6974



Tritanopia

59.9892, 62.5099, 78.7159

Trichromacy



Original Color

56.6610, 62.6255, 61.9249

Protanomaly

58.4186, 62.4618, 60.6071

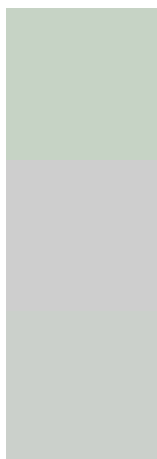
Deuteranomaly

60.6994, 62.1684, 62.2266

Tritanomaly

58.7809, 62.3843, 72.5616

Monochromacy



Original Color

56.6610, 62.6255, 61.9249

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9640, 62.1201, 65.4353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6610, 62.6255, 61.9249 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, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 197)  
}
```

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, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.6610, 62.6255, 61.9249 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, 211, 197) }
```


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

```
.border{ border-color:rgb(198, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6610, 62.6255, 61.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 197) }
```

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

```
.background{ background-color: rgb(198,  
211, 197) }
```

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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