

Converting Colors

XYZ(57.0801, 62.9456, 61.1805)

Have a look what the booklet for
XYZ(57.0801, 62.9456, 61.1805)
contains.

XYZ(57.0775, 62.8534, 61.3482)	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(57.0775, 62.8534,
61.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D3C4
RGB	200, 211, 196
RGB Percent	78%, 83%, 77%
CMY	0.2157, 0.1725, 0.2314
CMYK	0.05, 0.00, 0.07, 0.17
HSL	104°, 15%, 80%
HSV	104°, 7%, 83%
XYZ	57.0775, 62.8534, 61.3482
YIQ	206.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

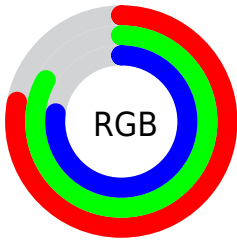
Format	Color
R_{YB}	196, 211, 207
Decimal	13161412
CIE Lab	83.37, -6.46, 6.13
CIE LCh	83, 8.907, 136.495
Yxy	62.8534, 0.3149, 0.3467
Android (android.graphics.Color)	4291351492 (0xFFC8D3C4)
YUV	206.0010, -4.9305, -5.2629
Hunter-Lab	79.2801, -10.2297, 9.6166

Details

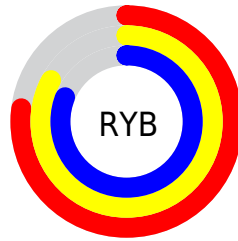
The XYZ color **57.0775, 62.8534, 61.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2324, 57.4501, 69.7038**, and the grayscale version is **58.6997, 61.7567, 67.2530**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **28.7935, 32.1779, 30.2846** is the 20% darker color. If you saturate the color by 10%, you get **50.9170, 59.9376, 49.3921**, and if you desaturate by 10%, it is **63.9977, 66.1254, 75.1057**.

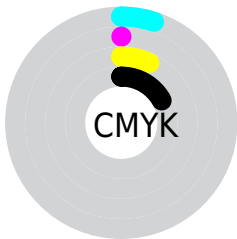
Distribution



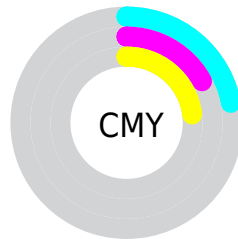
- Red (78%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0775, 62.8534, 61.3482 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 57.0775, 62.8534, 61.3482 by changing the saturation by 10% instead.

■ 57.0775, 62.8534,
61.3482

■ 57.0775, 62.8534,
61.3482

403.7491,
435.0373, 447.4914

■ 41.3078, 45.7226,
44.0739

99.7090, 108.9580,
108.3454

■ 28.7484, 32.0270,
30.3910

127.3015,
138.7006, 138.9053

■ 19.0339, 21.3821,
19.8810

159.5657,
173.4159, 174.7308

■ 11.7989, 13.4036,
12.1253

196.8669,
213.4883, 216.2405

■ 6.6781, 7.7071,
6.7055

239.5705,
259.3023, 263.8528

■ 3.3062, 3.9081,
3.2030

288.0418,

■ 1.3177, 1.6223,

311.2422, 317.9864

1.1992

342.6463,
369.6924, 379.0598

■ 0.1964, 0.3725,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0775, 62.8534,
61.3482

■ 57.0775, 62.8534,
61.3482

■ 50.9170, 59.9376,
49.3921

■ 63.9977, 66.1254,
75.1057

■ 45.4847, 57.3580,
39.1588

■ 71.6974, 69.7569,
90.7306

■ 40.7541, 55.1046,
30.5701

■ 79.5016, 73.4812,
104.6008

■ 36.6956, 53.1637,
23.5402

■ 82.5855, 75.0710,
104.7452

■ 33.2770, 51.5210,
17.9753

■ 30.4634, 50.1606,
13.7717

■ 28.2163, 49.0654,
10.8121

■ 26.4919, 48.2156,
8.9592

■ 25.2363, 47.5877,
8.0303

Harmonies

Analogous

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



58.6883, 62.8534, 58.7035



57.0775, 62.8534, 61.3482



56.1890, 62.8534, 65.9741

Triad

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



57.0775, 62.8534, 61.3482



58.8741, 62.8534, 79.3493



63.3857, 62.8534, 65.4504

Complementary

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



57.0775, 62.8534, 61.3482



57.2324, 57.4501, 69.7038

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.



63.4381, 62.8534, 70.9598



57.0775, 62.8534, 61.3482



60.8048, 62.8534, 79.1903

Square

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



57.0775, 62.8534, 61.3482



57.2110, 62.8534, 76.4745



62.4846, 62.8534, 76.0511



62.3430, 62.8534, 60.9828

Rectangle

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



57.0775, 62.8534, 61.3482



56.1131, 62.8534, 69.6512



62.4846, 62.8534, 76.0511



63.5205, 62.8534, 67.2363

Sweetspot

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



57.0792, 62.8561, 61.3496



92.8769, 98.9733, 104.5689



59.1432, 62.4628, 61.1649



19.9023, 21.1951, 22.4274



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.



57.0792, 62.8561, 61.3496



85.6490, 95.5553, 90.3110



56.4281, 62.4738, 63.4237



11.9477, 13.3565, 12.5604



15.1344, 28.6710, 4.7364



0.9224, 1.6424, 0.2684

Inverse Universe

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



57.2324, 57.4501, 69.7038



85.9455, 85.0794, 106.4999



57.9299, 57.8599, 67.4700



11.9905, 11.8439, 14.8978



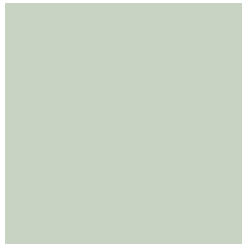
15.3264, 7.0813, 37.7515



0.9299, 0.4336, 2.1142

Previews

White Background



This preview shows how the XYZ color 57.0775, 62.8534, 61.3482 looks on a white background.

Color Contrast Check

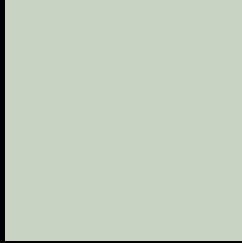
Large Text (above 18pt) WCAG AA × Fail

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 57.0775, 62.8534, 61.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

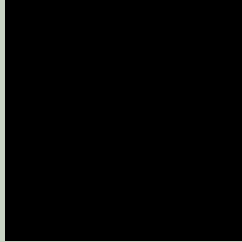
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

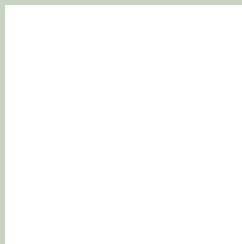
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0775, 62.8534, 61.3482

Background



This preview shows how black text looks on a background with the XYZ color 57.0775, 62.8534, 61.3482.



This preview shows how white text looks on a background with the XYZ color 57.0775, 62.8534,

61.3482.

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

57.0775, 62.8534, 61.3482

Protanopia

59.7820, 62.8168, 60.0129

Deuteranopia

63.8023, 62.3747, 62.1029



Tritanopia

60.5339, 62.7907, 78.7414

Trichromacy



Original Color

57.0775, 62.8534, 61.3482

Protanomaly

58.7007, 62.6072, 60.6203

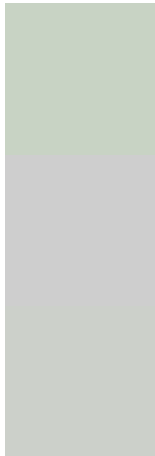
Deuteranomaly

61.1861, 62.4326, 61.6492

Tritanomaly

59.1947, 62.6124, 71.9163

Monochromacy



Original Color

57.0775, 62.8534, 61.3482

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1184, 62.2134, 64.8223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0775, 62.8534, 61.3482 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(200, 211, 196) looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 196)  
}
```

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(200, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.0775, 62.8534, 61.3482 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(200, 211, 196) }
```


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

```
.border{ border-color:rgb(200, 211, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0775, 62.8534, 61.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 196) }
```

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

```
.background{ background-color: rgb(200,  
211, 196) }
```

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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