

Converting Colors

XYZ(57.2951, 63.1879, 61.6311)

Have a look what the booklet for
XYZ(57.2951, 63.1879, 61.6311)
contains.

XYZ(57.3267, 63.3518, 61.4312)	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(57.3267, 63.3518,
61.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D4C4
RGB	200, 212, 196
RGB Percent	78%, 83%, 77%
CMY	0.2157, 0.1686, 0.2314
CMYK	0.06, 0.00, 0.08, 0.17
HSL	105°, 16%, 80%
HSV	105°, 8%, 83%
XYZ	57.3267, 63.3518, 61.4312
YIQ	206.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

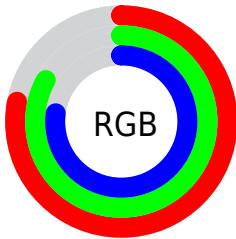
Format	Color
RYB	196, 212, 208
Decimal	13161668
CIELab	83.63, -6.98, 6.51
CIElCh	84, 9.541, 136.986
Yxy	63.3518, 0.3148, 0.3479
Android (android.graphics.Color)	4291351748 (0xFFC8D4C4)
YUV	206.5880, -5.2199, -5.7777
Hunter-Lab	79.5938, -10.7263, 9.9552

Details

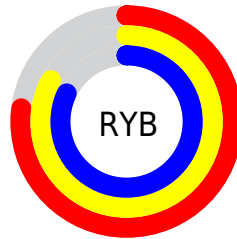
The XYZ color **57.3267, 63.3518, 61.4312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6384, 57.6449, 70.3793**, and the grayscale version is **59.0781, 62.1547, 67.6865**.

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 **51.0541, 60.3794, 49.4186**, and if you desaturate by 10%, it is **64.3856, 66.6938, 75.2632**.

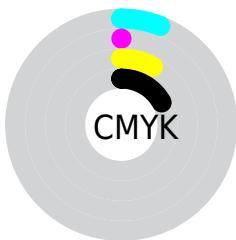
Distribution



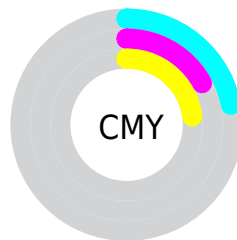
- Red (78%)
- Green (83%)
- Blue (77%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3267, 63.3518, 61.4312 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 57.3267, 63.3518, 61.4312 by changing the saturation by 10% instead.

■ 57.3267, 63.3518,
61.4312

■ 57.3267, 63.3518,
61.4312

404.6668,
436.8451, 447.8035

■ 41.5088, 46.1259,
44.1404

100.0703,
109.6769, 108.4666

■ 28.9063, 32.3452,
30.4429

127.7267,
139.5448, 139.0484

■ 19.1538, 21.6253,
19.9201

160.0600,
174.3956, 174.8976

■ 11.8862, 13.5818,
12.1535

197.4355,
214.6135, 216.4327

■ 6.7379, 7.8304,
6.7245

240.2186,
260.5831, 264.0723

■ 3.3436, 3.9866,
3.2146

288.7746,

■ 1.3379, 1.6661,

312.6886, 318.2350

1.2052

343.4689,
371.3145, 379.3392

■ 0.2114, 0.4015,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3267, 63.3518,
61.4312

■ 57.3267, 63.3518,
61.4312

■ 51.0541, 60.3794,
49.4186

■ 64.3856, 66.6938,
75.2632

■ 45.5348, 57.7558,
39.1458

■ 72.2519, 70.4093,
90.9816

■ 40.7414, 55.4703,
30.5332

■ 80.2021, 74.2122,
104.7050

■ 36.6425, 53.5088,
23.4936

■ 82.8347, 75.5694,
104.8282

■ 33.2044, 51.8560,
17.9318

■ 30.3904, 50.4951,
13.7423

■ 28.1600, 49.4080,
10.8055

■ 26.4672, 48.5739,
8.9815

■ 25.2540, 47.9673,
8.0768

Harmonies

Analogous

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



59.0491, 63.3518, 58.5597



57.3267, 63.3518, 61.4312



56.3875, 63.3518, 66.4230

Triad

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



57.3267, 63.3518, 61.4312



59.3146, 63.3518, 80.7959



64.1347, 63.3518, 65.6756

Complementary

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



57.3267, 63.3518, 61.4312



57.6384, 57.6449, 70.3793

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.



64.2098, 63.3518, 71.6004



57.3267, 63.3518, 61.4312



61.3941, 63.3518, 80.5670

Square

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



57.3267, 63.3518, 61.4312



57.5172, 63.3518, 77.7301



63.1966, 63.3518, 77.1218



62.9937, 63.3518, 60.9113

Rectangle

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



57.3267, 63.3518, 61.4312



56.3174, 63.3518, 70.3868



63.1966, 63.3518, 77.1218



64.2863, 63.3518, 67.5908

Sweetspot

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



57.3285, 63.3545, 61.4326



92.8463, 98.9575, 104.5675



59.6736, 63.0971, 61.2593



19.8960, 21.1919, 22.4271



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.



57.3285, 63.3545, 61.4326



85.5207, 95.4892, 90.3050



56.7356, 62.9956, 63.8141



12.5503, 14.0444, 13.2101



15.5184, 29.5764, 4.8909



1.0125, 1.8233, 0.2986

Inverse Universe

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



57.6384, 57.6449, 70.3793



86.0818, 85.1497, 106.5063



58.2787, 58.0326, 67.8069



12.6358, 12.4692, 15.6783



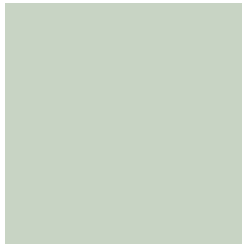
16.2608, 7.5353, 39.0506



1.0543, 0.4924, 2.3588

Previews

White Background



This preview shows how the XYZ color 57.3267, 63.3518, 61.4312 looks on a white background.

Color Contrast Check

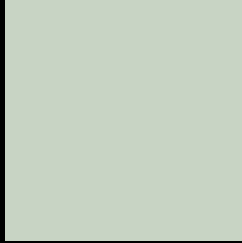
Large Text (above 18pt) WCAG AA × Fail

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 57.3267, 63.3518, 61.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

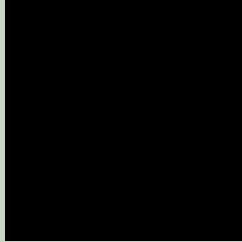
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

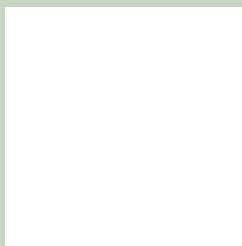
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3267, 63.3518, 61.4312

Background



This preview shows how black text looks on a background with the XYZ color 57.3267, 63.3518, 61.4312.



This preview shows how white text looks on a background with the XYZ color 57.3267, 63.3518,

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

57.3267, 63.3518, 61.4312

Protanopia

60.0748, 62.9678, 60.0267

Deuteranopia

64.3584, 63.0063, 62.1955



Tritanopia

60.9123, 63.3309, 79.5347

Trichromacy



Original Color

57.3267, 63.3518, 61.4312

Protanomaly

59.2291, 63.2427, 60.7151

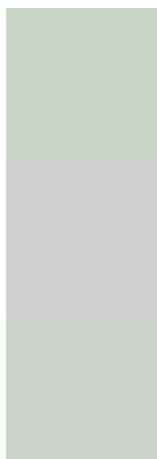
Deuteranomaly

61.4246, 62.9095, 61.7286

Tritanomaly

59.5667, 63.1525, 72.6685

Monochromacy



Original Color

57.3267, 63.3518, 61.4312

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4818, 62.7501, 65.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3267, 63.3518, 61.4312 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, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(200, 212, 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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.3267, 63.3518, 61.4312 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, 212, 196) }
```


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

```
.border{ border-color:rgb(200, 212, 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, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3267, 63.3518, 61.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 212, 196) }
```

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

```
.background{ background-color: rgb(200,  
212, 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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