

Converting Colors

XYZ(56.9309, 60.7798, 63.2521)

Have a look what the booklet for
XYZ(56.9309, 60.7798, 63.2521)
contains.

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Color

**XYZ(57.1252, 61.0093,
63.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCEC8
RGB	203, 206, 200
RGB Percent	80%, 81%, 78%
CMY	0.2039, 0.1921, 0.2157
CMYK	0.01, 0.00, 0.03, 0.19
HSL	90°, 6%, 80%
HSV	90°, 3%, 81%
XYZ	57.1252, 61.0093, 63.4087
YIQ	204.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

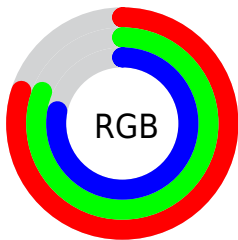
Format	Color
RYB	200, 206, 203
Decimal	13356744
CIELab	82.38, -2.11, 2.61
CIELCh	82, 3.358, 128.981
Yxy	61.0093, 0.3147, 0.3361
Android (android.graphics.Color)	4291546824 (0xFFCBCEC8)
YUV	204.4190, -2.1786, -1.2445
Hunter-Lab	78.1085, -6.1425, 6.5441

Details

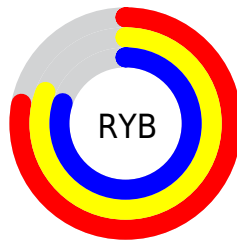
The XYZ color **57.1252, 61.0093, 63.4087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4259, 58.4630, 66.7063**, and the grayscale version is **57.6744, 60.6779, 66.0783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8110, 30.9214, 31.6440** is the 20% darker color. If you saturate the color by 10%, you get **52.1640, 58.7131, 51.4442**, and if you desaturate by 10%, it is **62.6010, 63.5367, 77.0933**.

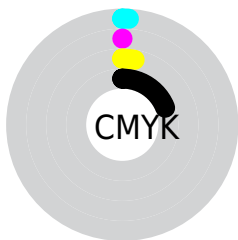
Distribution



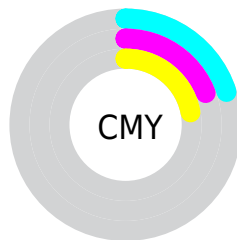
- Red (80%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1252, 61.0093, 63.4087 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 57.1252, 61.0093, 63.4087 by changing the saturation by 10% instead.

■ 57.1252, 61.0093,
63.4087

■ 57.1252, 61.0093,
63.4087

403.9249,
428.3081, 455.1999

■ 41.3463, 44.2327,
45.7288

99.7782, 106.2924,
111.3502

■ 28.7786, 30.8535,
31.6847

127.3829,
135.5677, 142.4489

■ 19.0569, 20.4873,
20.8580

159.6603,
169.7779, 178.8575

■ 11.8156, 12.7498,
12.8300

196.9758,
209.3076, 220.9948

■ 6.6896, 7.2565,
7.1822

239.6946,
254.5410, 269.2791

■ 3.3133, 3.6230,
3.4962

288.1822,

■ 1.3215, 1.4650,

305.8627, 324.1290

1.3532

342.8038,
363.6569, 385.9631

■ 0.1993, 0.2639,
0.1048

■ 0.0000, 0.0000,
0.0000

■ 57.1252, 61.0093,
63.4087

■ 57.1252, 61.0093,
63.4087

■ 52.1640, 58.7131,
51.4442

■ 62.6010, 63.5367,
77.0933

■ 47.6957, 56.6334,
41.1277

■ 68.6019, 66.2942,
92.5581

■ 43.7046, 54.7652,
32.3880

■ 74.0296, 68.8448,
103.9943

■ 40.1722, 53.1008,
25.1472

■ 77.5117, 70.6399,
104.1573

■ 37.0784, 51.6316,
19.3207

■ 81.1939, 72.5381,
104.3296

■ 34.4015, 50.3486,
14.8154

■ 81.3625, 72.6251,
104.3375

■ 32.1175, 49.2416,
11.5273

■ 30.1993, 48.2992,
9.3365

■ 28.6149, 47.5081,
8.0988

Harmonies

Analogous

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



57.7727, 61.0093, 62.6074



57.1252, 61.0093, 63.4087



56.7110, 61.0093, 65.0236

Triad

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



57.1252, 61.0093, 63.4087



57.4948, 61.0093, 70.1802



59.3589, 61.0093, 65.8147

Complementary

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



57.1252, 61.0093, 63.4087



56.4259, 58.4630, 66.7063

Split Complementary

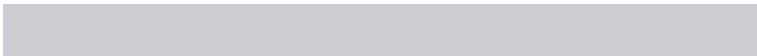
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2830, 61.0093, 67.8540



57.1252, 61.0093, 63.4087



58.2028, 61.0093, 70.4025

Square

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



57.1252, 61.0093, 63.4087



56.9232, 61.0093, 68.9417



58.8585, 61.0093, 69.5432



59.0650, 61.0093, 63.9776

Rectangle

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



57.1252, 61.0093, 63.4087



56.6210, 61.0093, 66.3586



58.8585, 61.0093, 69.5432



59.3759, 61.0093, 66.4989

Sweetspot

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



57.1269, 61.0119, 63.4100



94.1742, 99.5956, 106.7302



57.2372, 60.0062, 63.2101



20.1664, 21.3218, 22.8675



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.



57.1269, 61.0119, 63.4100



92.4483, 98.7982, 102.4766



56.3178, 60.5948, 63.3722



12.2031, 13.0900, 13.4189



17.1416, 29.0121, 4.6964



0.9719, 1.5418, 0.2464

Inverse Universe

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



56.4259, 58.4630, 66.7063



91.2657, 94.4981, 108.0375



57.2508, 58.8882, 66.7449



12.0097, 12.3868, 14.3283



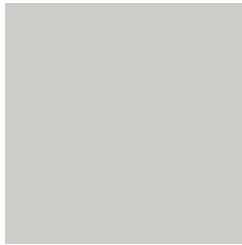
10.4218, 4.5802, 36.2910



0.6252, 0.2814, 1.8763

Previews

White Background



This preview shows how the XYZ color 57.1252, 61.0093, 63.4087 looks on a white background.

Color Contrast Check

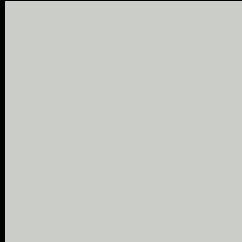
Large Text (above 18pt) WCAG AA × Fail

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 57.1252, 61.0093, 63.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

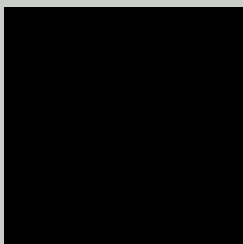
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

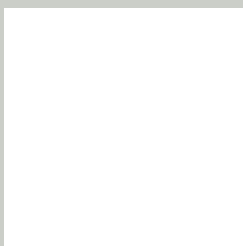
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1252, 61.0093, 63.4087

Background



This preview shows how black text looks on a background with the XYZ color 57.1252, 61.0093, 63.4087.



This preview shows how white text looks on a background with the XYZ color 57.1252, 61.0093,

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

57.1252, 61.0093, 63.4087

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

62.2188, 60.8212, 64.3375



Tritanopia

59.5957, 60.9482, 75.6410

Trichromacy



Original Color

57.1252, 61.0093, 63.4087

Protanomaly

57.8723, 61.0516, 62.7668

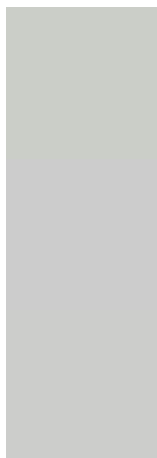
Deuteranomaly

60.3427, 60.8958, 63.8320

Tritanomaly

58.6534, 60.9183, 70.9544

Monochromacy



Original Color

57.1252, 61.0093, 63.4087

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5127, 60.8118, 65.2065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1252, 61.0093, 63.4087 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(203, 206, 200) looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 200)  
}
```

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(203, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.1252, 61.0093, 63.4087 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(203, 206, 200) }
```


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

```
.border{ border-color:rgb(203, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1252, 61.0093, 63.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 200) }
```

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

```
.background{ background-color: rgb(203,  
206, 200) }
```

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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