

Converting Colors

XYZ(56.7018, 59.5079, 57.2075)

Have a look what the booklet for
XYZ(56.7018, 59.5079, 57.2075)
contains.

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Color

**XYZ(56.7093, 59.5141,
57.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CABE
RGB	209, 202, 190
RGB Percent	82%, 79%, 75%
CMY	0.1804, 0.2078, 0.2549
CMYK	0.00, 0.03, 0.09, 0.18
HSL	38°, 17%, 78%
HSV	38°, 9%, 82%
XYZ	56.7093, 59.5141, 57.2137
YIQ	202.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

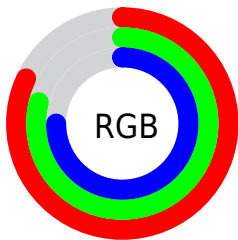
Format	Color
R _Y B	201, 209, 190
Decimal	13748926
CIE Lab	81.57, 0.35, 6.84
CIE LCh	82, 6.849, 87.038
Yxy	59.5141, 0.3270, 0.3431
Android (android.graphics.Color)	4291939006 (0xFFD1CABE)
YUV	202.7250, -6.2734, 5.5032
Hunter-Lab	77.1454, -3.7897, 10.0302

Details

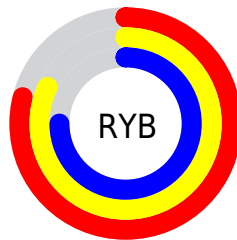
The XYZ color **56.7093, 59.5141, 57.2137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7100, 55.4821, 68.2532**, and the grayscale version is **56.6282, 59.5773, 64.8797**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **28.6228, 29.9545, 27.9401** is the 20% darker color. If you saturate the color by 10%, you get **52.8265, 55.1453, 45.4459**, and if you desaturate by 10%, it is **61.0131, 64.1992, 70.7394**.

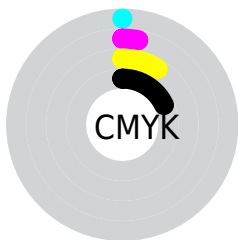
Distribution



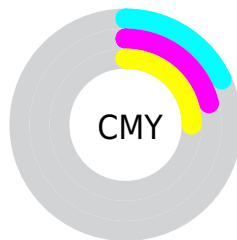
- Red (82%)
- Green (79%)
- Blue (75%)



- Red (79%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7093, 59.5141, 57.2137 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 56.7093, 59.5141, 57.2137 by changing the saturation by 10% instead.

■ 56.7093, 59.5141,
57.2137

■ 56.7093, 59.5141,
57.2137

402.3909,
422.8044, 431.7657

■ 41.0111, 43.0271,
40.7663

■ 99.1747, 104.1245,
102.2804

■ 28.5155, 29.9064,
27.8182

126.6726,
133.0167, 131.7367

■ 18.8570, 19.7675,
17.9508

158.8345,
166.8127, 166.3665

■ 11.6704, 12.2262,
10.7456

196.0258,
205.8970, 206.5883

■ 6.5903, 6.8979,
5.7840

238.6117,
250.6539, 252.8206

■ 3.2512, 3.3983,
2.6476

286.9576,

■ 1.2880, 1.3431,

301.4678, 305.4819

0.9169

341.4289,
358.7232, 364.9907

■ 0.1742, 0.1742,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7093, 59.5141,
57.2137

■ 56.7093, 59.5141,
57.2137

■ 52.8265, 55.1453,
45.4459

■ 61.0131, 64.1992,
70.7394

■ 49.3445, 51.0770,
35.3587

■ 65.7473, 69.2007,
86.0882

■ 46.2489, 47.3031,
26.8746

■ 70.9270, 74.5285,
103.3269

■ 43.5222, 43.8144,
19.9085

■ 73.4236, 78.9331,
105.9735

■ 41.1454, 40.6012,
14.3673

■ 75.6473, 83.3806,
106.7148

■ 39.0976, 37.6529,
10.1477

■ 77.9672, 88.0204,
107.4881

■ 37.3550, 34.9575,
7.1321

■ 80.1048, 92.2954,
108.2006

■ 35.8900, 32.5016,
5.1820

■ 34.6578, 30.2648,
4.0696

Harmonies

Analogous

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



58.0833, 59.5141, 58.3844



56.7093, 59.5141, 57.2137



55.3194, 59.5141, 58.0037

Triad

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



56.7093, 59.5141, 57.2137



54.1404, 59.5141, 68.4655



58.9169, 59.5141, 69.2031

Complementary

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



56.7093, 59.5141, 57.2137



52.7100, 55.4821, 68.2532

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.



57.8319, 59.5141, 72.1091



56.7093, 59.5141, 57.2137



55.0760, 59.5141, 71.6708

Square

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



56.7093, 59.5141, 57.2137



53.8511, 59.5141, 64.3926



56.4237, 59.5141, 73.0305



59.3714, 59.5141, 65.2106

Rectangle

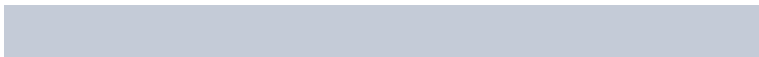
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7093, 59.5141, 57.2137



54.5680, 59.5141, 59.5551



56.4237, 59.5141, 73.0305



58.6129, 59.5141, 70.3457

Sweetspot

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



56.7109, 59.5167, 57.2150



92.9505, 97.7330, 102.2445



54.8193, 54.4273, 60.6107



19.7774, 20.7908, 21.5132



0.0000, 0.0000, 0.0000



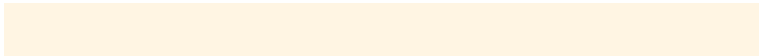
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7109, 59.5167, 57.2150



87.6514, 91.9096, 85.7575



57.7670, 62.5535, 57.7455



12.4223, 13.0352, 12.4734



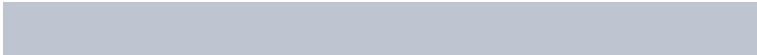
21.4005, 18.7341, 2.4881



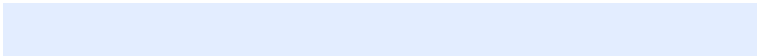
1.2710, 1.1963, 0.1639

Inverse Universe

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



52.7100, 55.4821, 68.2532



80.0776, 84.2724, 106.6534



51.7160, 52.6661, 67.7620



11.5151, 12.1204, 14.9762



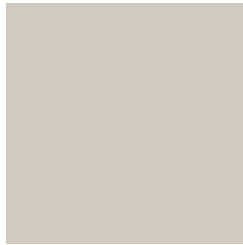
8.8169, 6.2803, 37.9400



0.5679, 0.5010, 2.1463

Previews

White Background



This preview shows how the XYZ color 56.7093, 59.5141, 57.2137 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 56.7093, 59.5141, 57.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

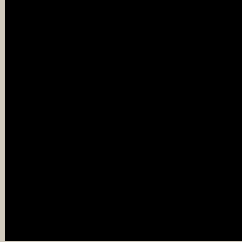
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

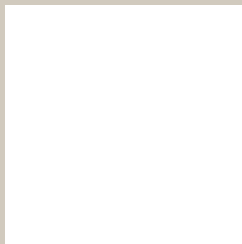
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7093, 59.5141, 57.2137

Background



This preview shows how black text looks on a background with the XYZ color 56.7093, 59.5141, 57.2137.

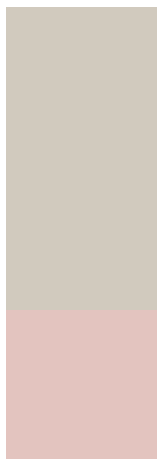


This preview shows how white text looks on a background with the XYZ color 56.7093, 59.5141,

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

56.7093, 59.5141, 57.2137

Protanopia

56.7093, 59.5141, 57.2137

Deuteranopia

60.8225, 59.5723, 57.5831



Tritanopia

59.4831, 59.2403, 71.9177

Trichromacy



Original Color

56.7093, 59.5141, 57.2137

Protanomaly

56.7093, 59.5141, 57.2137

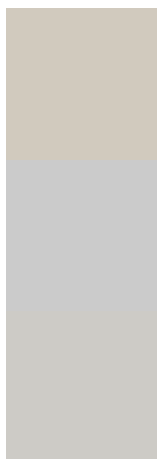
Deuteranomaly

59.1133, 59.3654, 57.6333

Tritanomaly

58.3068, 59.1035, 66.0926

Monochromacy



Original Color

56.7093, 59.5141, 57.2137

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7258, 59.7682, 61.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7093, 59.5141, 57.2137 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(209, 202, 190) looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 190)  
}
```

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(209, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.7093, 59.5141, 57.2137 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(209, 202, 190) }
```


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

```
.border{ border-color:rgb(209, 202, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7093, 59.5141, 57.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 190) }
```

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

```
.background{ background-color: rgb(209,  
202, 190) }
```

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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