

Converting Colors

XYZ(56.0745, 57.7734, 53.3166)

Have a look what the booklet for
XYZ(56.0745, 57.7734, 53.3166)
contains.

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Color

**XYZ(56.2864, 57.9950,
53.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C6B8
RGB	213, 198, 184
RGB Percent	84%, 78%, 72%
CMY	0.1647, 0.2235, 0.2784
CMYK	0.00, 0.07, 0.14, 0.16
HSL	29°, 26%, 78%
HSV	29°, 14%, 84%
XYZ	56.2864, 57.9950, 53.5749
YIQ	200.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

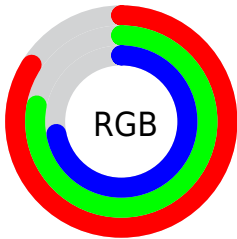
Format	Color
R _Y B	213, 211, 184
Decimal	14010040
CIE Lab	80.74, 2.91, 8.89
CIE LCh	81, 9.358, 71.856
Yxy	57.9950, 0.3353, 0.3455
Android (android.graphics.Color)	4292200120 (0xFFD5C6B8)
YUV	200.8890, -8.3263, 10.6213
Hunter-Lab	76.1544, -1.3394, 11.5974

Details

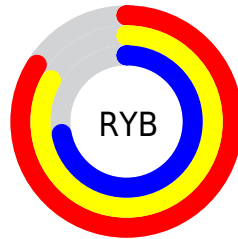
The XYZ color **56.2864, 57.9950, 53.5749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2006, 55.8402, 70.9783**, and the grayscale version is **55.4940, 58.3840, 63.5802**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **28.1705, 28.8543, 25.5574** is the 20% darker color. If you saturate the color by 10%, you get **51.7933, 52.3167, 41.8785**, and if you desaturate by 10%, it is **61.3020, 64.1791, 67.1055**.

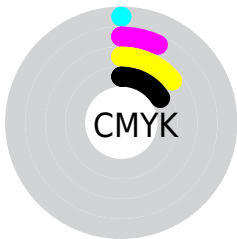
Distribution



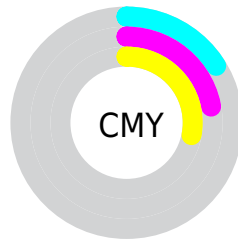
- Red (84%)
- Green (78%)
- Blue (72%)



- Red (84%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2864, 57.9950, 53.5749 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 56.2864, 57.9950, 53.5749 by changing the saturation by 10% instead.

■ 56.2864, 57.9950,
53.5749

■ 56.2864, 57.9950,
53.5749

400.8275,
417.1673, 417.6156

■ 40.6705, 41.8046,
37.8710

■ 98.5606, 101.9156,
96.8999

■ 28.2482, 28.9483,
25.5816

125.9496,
130.4146, 125.3581

■ 18.6543, 19.0417,
16.2879

157.9936,
163.7852, 158.9049

■ 11.5233, 11.7004,
9.5716

195.0581,
202.4120, 197.9587

■ 6.4898, 6.5400,
5.0140

237.5084,
246.6791, 242.9381

■ 3.1886, 3.1762,
2.1966

285.7098,

■ 1.2543, 1.2244,

296.9711, 294.2617

0.6724

340.0277,
353.6724, 352.3480

■ 0.1486, 0.0815,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2864, 57.9950,
53.5749

■ 56.2864, 57.9950,
53.5749

■ 51.7933, 52.3167,
41.8785

■ 61.3020, 64.1791,
67.1055

■ 47.7992, 47.1228,
31.9324

■ 66.8531, 70.8745,
82.5417

■ 44.2855, 42.4015,
23.6517

■ 72.9582, 78.0963,
99.9558

■ 41.2305, 38.1374,
16.9427

■ 77.2615, 84.9077,
106.9244

■ 38.6107, 34.3142,
11.7026

■ 80.6403, 91.6653,
108.0507

■ 36.3999, 30.9144,
7.8158

■ 81.2508, 92.8863,
108.2542

■ 34.5686, 27.9187,
5.1493

■ 33.0816, 25.3052,
3.5422

■ 32.2769, 23.8185,
2.8962

Harmonies

Analogous

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



57.9334, 57.9950, 56.3164



56.2864, 57.9950, 53.5749



54.3635, 57.9950, 53.3049

Triad

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



56.2864, 57.9950, 53.5749



51.5694, 57.9950, 65.3557



57.6363, 57.9950, 71.3992

Complementary

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



56.2864, 57.9950, 53.5749



52.2006, 55.8402, 70.9783

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.



55.8885, 57.9950, 74.1310



56.2864, 57.9950, 53.5749



52.4041, 57.9950, 70.5080

Square

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



56.2864, 57.9950, 53.5749



51.6703, 57.9950, 59.8941



53.9748, 57.9950, 73.7956



58.7252, 57.9950, 66.5150

Rectangle

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



56.2864, 57.9950, 53.5749



53.1868, 57.9950, 54.5418



53.9748, 57.9950, 73.7956



57.1046, 57.9950, 72.6122

Sweetspot

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



56.2880, 57.9976, 53.5761



91.7913, 96.0411, 99.9261



54.9448, 52.5731, 61.5698



19.5191, 20.4004, 21.0383



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.



56.2880, 57.9976, 53.5761



82.7982, 84.9153, 75.7787



59.6447, 64.7111, 54.6951



12.9132, 13.4006, 13.0667



19.8173, 14.7519, 1.8029



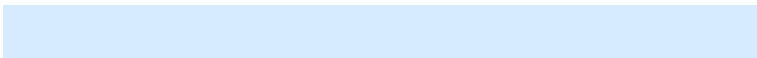
1.2779, 1.0551, 0.1363

Inverse Universe

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



52.2006, 55.8402, 70.9783



75.6336, 81.1336, 106.2818



49.1201, 49.6792, 69.9515



12.2684, 13.0603, 15.8118



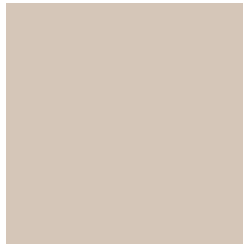
10.8546, 9.9711, 39.8057



0.7374, 0.7669, 2.4285

Previews

White Background



This preview shows how the XYZ color 56.2864, 57.9950, 53.5749 looks on a white background.

Color Contrast Check

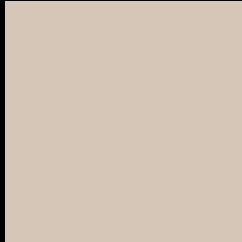
Large Text (above 18pt) WCAG AA × Fail

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 56.2864, 57.9950, 53.5749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

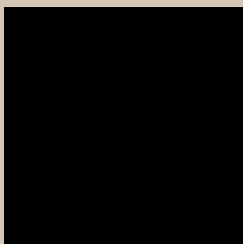
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

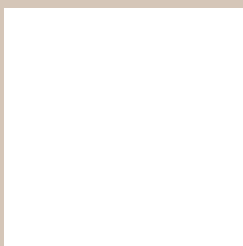
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2864, 57.9950, 53.5749

Background



This preview shows how black text looks on a background with the XYZ color 56.2864, 57.9950, 53.5749.

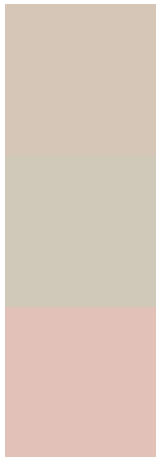


This preview shows how white text looks on a background with the XYZ color 56.2864, 57.9950,

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

56.2864, 57.9950, 53.5749

Protanopia

55.4237, 58.2212, 54.2156

Deuteranopia

59.1910, 57.8115, 53.9380



Tritanopia

59.1193, 57.7860, 68.3595

Trichromacy



Original Color

56.2864, 57.9950, 53.5749

Protanomaly

55.7587, 58.0513, 54.1652

Deuteranomaly

58.0909, 57.9051, 54.0140

Tritanomaly

57.9648, 57.6474, 62.7156

Monochromacy



Original Color

56.2864, 57.9950, 53.5749

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6814, 58.2278, 59.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2864, 57.9950, 53.5749 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(213, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 184)  
}
```

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(213, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.2864, 57.9950, 53.5749 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(213, 198, 184) }
```


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

```
.border{ border-color:rgb(213, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2864, 57.9950, 53.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 184) }
```

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

```
.background{ background-color: rgb(213,  
198, 184) }
```

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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