

Converting Colors

XYZ(56.7269, 58.5382, 54.7635)

Have a look what the booklet for
XYZ(56.7269, 58.5382, 54.7635)
contains.

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Color

**XYZ(56.7269, 58.5382,
54.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C7BA
RGB	213, 199, 186
RGB Percent	84%, 78%, 73%
CMY	0.1647, 0.2196, 0.2706
CMYK	0.00, 0.07, 0.13, 0.16
HSL	29°, 24%, 78%
HSV	29°, 13%, 84%
XYZ	56.7269, 58.5382, 54.7635
YIQ	201.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

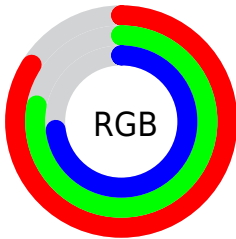
Format	Color
R_{YB}	213, 211, 186
Decimal	14010298
CIE Lab	81.04, 2.71, 8.25
CIE LCh	81, 8.686, 71.828
Yxy	58.5382, 0.3336, 0.3443
Android (android.graphics.Color)	4292200378 (0xFFD5C7BA)
YUV	201.7040, -7.7421, 9.9066
Hunter-Lab	76.5103, -1.5479, 11.1194

Details

The XYZ color **56.7269, 58.5382, 54.7635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9139, 56.5504, 71.0777**, and the grayscale version is **55.9972, 58.9134, 64.1567**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.4596, 29.2134, 26.3291** is the 20% darker color. If you saturate the color by 10%, you get **52.1807, 52.8032, 42.8968**, and if you desaturate by 10%, it is **61.7982, 64.7821, 68.4720**.

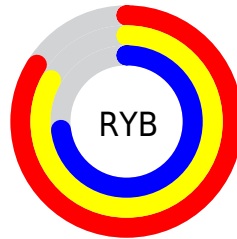
Distribution



Red (84%)

Green (78%)

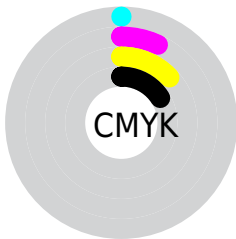
Blue (73%)



Red (84%)

Yellow (83%)

Blue (73%)

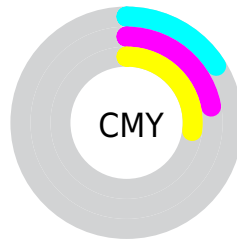


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7269, 58.5382, 54.7635 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 56.7269, 58.5382, 54.7635 by changing the saturation by 10% instead.


 56.7269, 58.5382,
54.7635

 56.7269, 58.5382,
54.7635


402.4559,
419.1884, 422.2715

 41.0253, 42.2415,
38.8151


 99.2003, 102.7062,
98.6620

 28.5266, 29.2904,
26.3092


126.7027,
131.3462, 127.4492

 18.8655, 19.3006,
16.8272

158.8695,
164.8695, 161.3531

 11.6765, 11.8877,
9.9507

196.0660,
203.6605, 200.7922

 6.5945, 6.6673,
5.2611

238.6575,
248.1034, 246.1850

 3.2539, 3.2549,
2.3399

287.0094,

 1.2894, 1.2662,

298.5828, 297.9502

0.7534

341.4871,
355.4830, 356.5061

■ 0.1753, 0.1148,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7269, 58.5382,
54.7635

■ 56.7269, 58.5382,
54.7635

■ 52.1807, 52.8032,
42.8968

■ 61.7982, 64.7821,
68.4720

■ 48.1361, 47.5556,
32.7884

■ 67.4076, 71.5403,
84.0933

■ 44.5747, 42.7835,
24.3540

■ 73.5735, 78.8278,
101.6992

■ 41.4749, 38.4718,
17.5007

■ 77.5921, 85.5690,
107.0347

■ 38.8134, 34.6041,
12.1267

■ 80.9995, 92.3836,
108.1704

■ 36.5642, 31.1629,
8.1178

■ 81.2508, 92.8862,
108.2542

■ 34.6981, 28.1291,
5.3428

■ 33.1806, 25.4810,
3.6442

■ 32.2503, 23.7654,
2.8874

Harmonies

Analogous

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



58.2620, 58.5382, 57.3442



56.7269, 58.5382, 54.7635



54.9313, 58.5382, 54.5069

Triad

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



56.7269, 58.5382, 54.7635



52.3145, 58.5382, 65.7947



57.9827, 58.5382, 71.4255

Complementary

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



56.7269, 58.5382, 54.7635



52.9139, 56.5504, 71.0777

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.



56.3523, 58.5382, 73.9569



56.7269, 58.5382, 54.7635



53.0956, 58.5382, 70.5905

Square

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



56.7269, 58.5382, 54.7635



52.4099, 58.5382, 60.6919



54.5647, 58.5382, 73.6434



58.9977, 58.5382, 66.8847

Rectangle

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



56.7269, 58.5382, 54.7635



53.8307, 58.5382, 55.6700



54.5647, 58.5382, 73.6434



57.4869, 58.5382, 72.5504

Sweetspot

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



56.7285, 58.5408, 54.7647



91.7873, 96.0332, 99.9248



55.4722, 53.4535, 62.2835



19.5181, 20.3984, 21.0379



0.0000, 0.0000, 0.0000



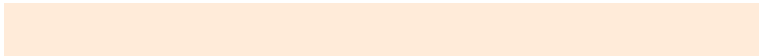
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7285, 58.5408, 54.7647



83.4897, 85.7724, 77.6306



59.8725, 64.8288, 55.8127



12.9119, 13.3979, 13.0662



19.8010, 14.7193, 1.7975



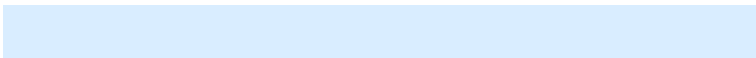
1.2769, 1.0531, 0.1360

Inverse Universe

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



52.9139, 56.5504, 71.0777



76.7529, 82.2572, 106.4397



50.0098, 50.7422, 70.1097



12.2698, 13.0629, 15.8122



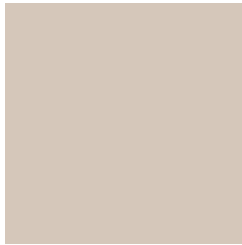
10.8724, 10.0065, 39.8116



0.7385, 0.7690, 2.4288

Previews

White Background



This preview shows how the XYZ color 56.7269, 58.5382, 54.7635 looks on a white background.

Color Contrast Check

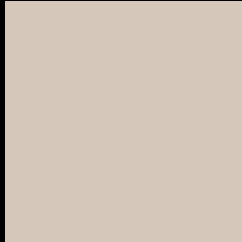
Large Text (above 18pt) WCAG AA × Fail

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 56.7269, 58.5382, 54.7635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

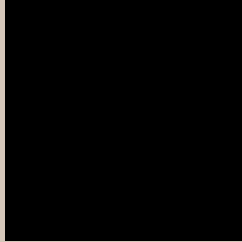
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7269, 58.5382, 54.7635

Background



This preview shows how black text looks on a background with the XYZ color 56.7269, 58.5382, 54.7635.

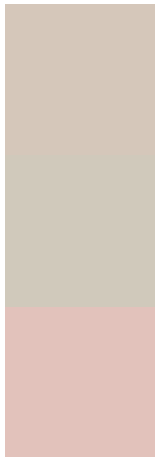


This preview shows how white text looks on a background with the XYZ color 56.7269, 58.5382,

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

56.7269, 58.5382, 54.7635

Protanopia

55.8687, 58.7710, 55.4131

Deuteranopia

59.6255, 58.3402, 55.1319



Tritanopia

59.5919, 58.3323, 69.7464

Trichromacy



Original Color

56.7269, 58.5382, 54.7635

Protanomaly

56.2023, 58.5980, 55.3621

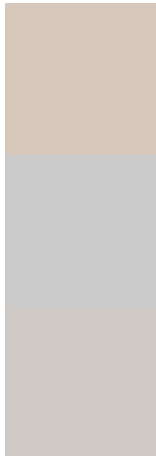
Deuteranomaly

58.5284, 58.4399, 55.2090

Tritanomaly

58.4249, 58.1912, 64.0298

Monochromacy



Original Color

56.7269, 58.5382, 54.7635

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3040, 58.8806, 60.6221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7269, 58.5382, 54.7635 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, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 186)  
}
```

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, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.7269, 58.5382, 54.7635 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, 199, 186) }
```


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

```
.border{ border-color:rgb(213, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7269, 58.5382, 54.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 186) }
```

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

```
.background{ background-color: rgb(213,  
199, 186) }
```

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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