

Converting Colors

XYZ(58.8014, 56.6439, 65.0229)

Have a look what the booklet for
XYZ(58.8014, 56.6439, 65.0229)
contains.

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Color

**XYZ(58.7433, 56.6813,
64.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBFCC
RGB	219, 191, 204
RGB Percent	86%, 75%, 80%
CMY	0.1412, 0.2510, 0.2000
CMYK	0.00, 0.13, 0.07, 0.14
HSL	332°, 28%, 80%
HSV	332°, 13%, 86%
XYZ	58.7433, 56.6813, 64.9712
YIQ	200.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

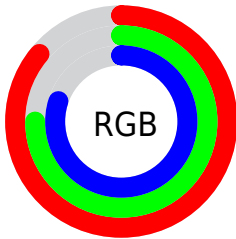
Format	Color
R _Y B	219, 191, 204
Decimal	14401484
CIE Lab	80.00, 12.11, -2.86
CIE LCh	80, 12.442, 346.711
Yxy	56.6813, 0.3256, 0.3142
Android (android.graphics.Color)	4292591564 (0xFFDDBBFCC)
YUV	200.8540, 1.5510, 15.9140
Hunter-Lab	75.2870, 7.5239, 1.5348

Details

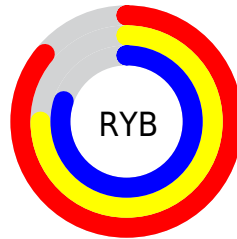
The XYZ color **58.7433, 56.6813, 64.9712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9602, 66.1971, 68.1182**, and the grayscale version is **55.4136, 58.2994, 63.4880**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.9033, 28.2715, 32.7350** is the 20% darker color. If you saturate the color by 10%, you get **52.9654, 47.2929, 56.3616**, and if you desaturate by 10%, it is **65.3446, 67.5453, 74.3798**.

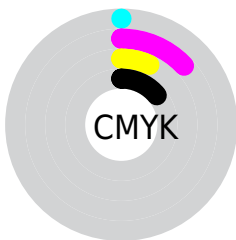
Distribution



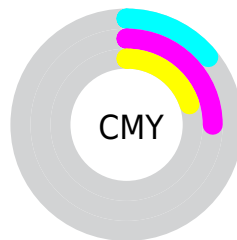
- Red (86%)
- Green (75%)
- Blue (80%)



- Red (86%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7433, 56.6813, 64.9712 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 58.7433, 56.6813, 64.9712 by changing the saturation by 10% instead.


 58.7433, 56.6813,
64.9712

 58.7433, 56.6813,
64.9712


409.8593,
412.2540, 460.9918

 42.6521, 40.7494,
46.9865


 102.1212,
100.0000, 113.6213

 29.8056, 28.1233,
32.6707


130.1387,
128.1556, 145.1239

 19.8384, 18.4187,
21.6053


162.8623,
161.1546, 181.9695

 12.3852, 11.2510,
13.3716

200.6573,
199.3814, 224.5766

 7.0806, 6.2359,
7.5512

243.8892,
243.2203, 273.3639

 3.5594, 2.9891,
3.7255

292.9232,

 1.4560, 1.1260,

293.0558, 328.7498

1.4760

348.1248,
349.2722, 391.1530

■ 0.2956, 0.0000,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 58.7433, 56.6813,
64.9712

■ 58.7433, 56.6813,
64.9712

■ 52.9654, 47.2929,
56.3616

■ 65.3446, 67.5453,
74.3798

■ 47.9721, 39.3086,
48.5245

■ 72.7963, 79.9375,
84.6055

■ 43.7287, 32.6618,
41.4373

■ 80.5837, 92.8242,
95.4880

■ 40.1958, 27.2780,
35.0745

■ 82.3763, 93.5413,
104.9278

■ 37.3303, 23.0750,
29.4090

■ 83.0238, 93.8002,
108.3372

■ 35.0841, 19.9607,
24.4114

■ 33.4019, 17.8294,
20.0494

■ 32.2178, 16.5537,
16.2864

■ 31.5954, 16.0129,
13.9085

Harmonies

Analogous

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



57.4893, 56.6813, 71.7600



58.7433, 56.6813, 64.9712



58.6638, 56.6813, 57.8001

Triad

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



58.7433, 56.6813, 64.9712



52.4885, 56.6813, 49.3227



50.6098, 56.6813, 72.4118

Complementary

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



58.7433, 56.6813, 64.9712



57.9602, 66.1971, 68.1182

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.



49.3521, 56.6813, 65.8055



58.7433, 56.6813, 64.9712



50.4133, 56.6813, 52.6564

Square

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



58.7433, 56.6813, 64.9712



54.9987, 56.6813, 49.1377



49.2813, 56.6813, 58.5720



52.7645, 56.6813, 76.2769

Rectangle

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



58.7433, 56.6813, 64.9712



57.8645, 56.6813, 53.7646



49.2813, 56.6813, 58.5720



50.0711, 56.6813, 70.4157

Sweetspot

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



58.7449, 56.6838, 64.9724



91.0144, 93.3169, 103.2756



56.8542, 55.4911, 74.7329



19.3231, 19.7130, 21.8833



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.



58.7449, 56.6838, 64.9724



80.9126, 76.7266, 88.7689



57.4544, 56.4943, 57.1695



13.3063, 13.1516, 14.8741



18.7885, 9.5164, 8.5322



1.2604, 0.6338, 0.7804

Inverse Universe

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



58.7449, 56.6838, 64.9724



80.9126, 76.7266, 88.7689



59.3625, 66.3696, 76.7005



13.3063, 13.1516, 14.8741



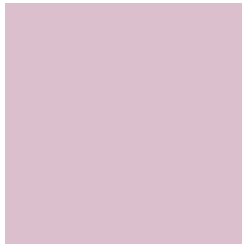
18.7885, 9.5164, 8.5322



1.2604, 0.6338, 0.7804

Previews

White Background



This preview shows how the XYZ color 58.7433, 56.6813, 64.9712 looks on a white background.

Color Contrast Check

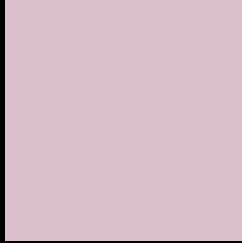
Large Text (above 18pt) WCAG AA × Fail

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 58.7433, 56.6813, 64.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

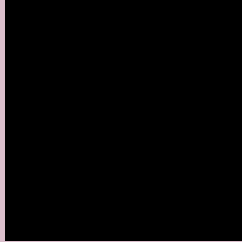
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7433, 56.6813, 64.9712

Background



This preview shows how black text looks on a background with the XYZ color 58.7433, 56.6813, 64.9712.



This preview shows how white text looks on a background with the XYZ color 58.7433, 56.6813,

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

58.7433, 56.6813, 64.9712

Protanopia

54.9046, 56.6287, 67.7112

Deuteranopia

57.7731, 56.5060, 64.9885



Tritanopia

58.9848, 56.7779, 66.2429

Trichromacy



Original Color

58.7433, 56.6813, 64.9712

Protanomaly

56.2312, 56.6570, 67.0037

Deuteranomaly

58.0676, 56.6578, 65.0023

Tritanomaly

58.8637, 56.7295, 65.6050

Monochromacy



Original Color

58.7433, 56.6813, 64.9712

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.6393, 57.6067, 64.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7433, 56.6813, 64.9712 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(219, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 204)  
}
```

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(219, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.7433, 56.6813, 64.9712 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(219, 191, 204) }
```


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

```
.border{ border-color:rgb(219, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7433, 56.6813, 64.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 204) }
```

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

```
.background{ background-color: rgb(219,  
191, 204) }
```

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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