

Converting Colors

XYZ(58.1760, 57.4417, 58.9443)

Have a look what the booklet for
XYZ(58.1760, 57.4417, 58.9443)
contains.

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Color

**XYZ(58.2428, 57.5387,
59.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC2C2
RGB	219, 194, 194
RGB Percent	86%, 76%, 76%
CMY	0.1412, 0.2392, 0.2392
CMYK	0.00, 0.11, 0.11, 0.14
HSL	0°, 26%, 81%
HSV	0°, 11%, 86%
XYZ	58.2428, 57.5387, 59.0753
YIQ	201.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

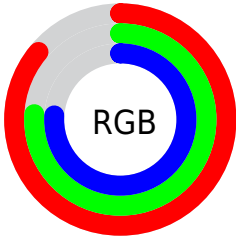
Format	Color
R _Y B	219, 194, 194
Decimal	14402242
CIE Lab	80.48, 8.82, 3.23
CIE LCh	80, 9.392, 20.089
Yxy	57.5387, 0.3331, 0.3291
Android (android.graphics.Color)	4292592322 (0xFFDBC2C2)
YUV	201.4750, -3.6852, 15.3694
Hunter-Lab	75.8543, 4.3118, 6.9229

Details

The XYZ color **58.2428, 57.5387, 59.0753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3655, 67.2455, 76.8165**, and the grayscale version is **55.8292, 58.7367, 63.9642**.

A 20% lighter version of the original color is **92.9925, 97.1565, 104.2943**, and **29.4215, 28.5421, 28.7694** is the 20% darker color. If you saturate the color by 10%, you get **51.4430, 47.5891, 45.5550**, and if you desaturate by 10%, it is **66.1264, 69.0745, 74.7465**.

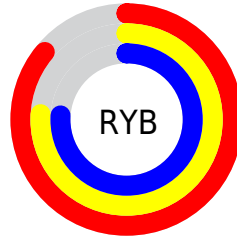
Distribution



Red (86%)

Green (76%)

Blue (76%)



Red (86%)

Yellow (76%)

Blue (76%)

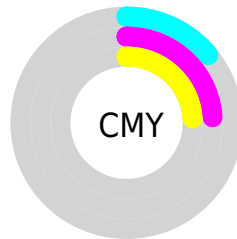


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2428, 57.5387, 59.0753 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 58.2428, 57.5387, 59.0753 by changing the saturation by 10% instead.


 58.2428, 57.5387,
59.0753

 58.2428, 57.5387,
59.0753


408.0293,
415.4648, 438.8906

 42.2479, 41.4379,
42.2533


 101.3973,
101.2508, 105.0173

 29.4874, 28.6614,
28.9727


129.2876,
129.6309, 134.9744

 19.5960, 18.8248,
18.8147


161.8737,
162.8729, 170.1470

 12.2083, 11.5438,
11.3610

199.5210,
201.3611, 210.9535

 6.9589, 6.4338,
6.1930

242.5949,
245.4800, 257.8126

 3.4825, 3.1106,
2.8921

291.4607,

 1.4138, 1.1898,

295.6140, 311.1428

1.0398

346.4837,
352.1475, 371.3626

■ 0.2660, 0.0533,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2428, 57.5387,
59.0753

■ 58.2428, 57.5387,
59.0753

■ 51.4430, 47.5891,
45.5550

■ 66.1264, 69.0745,
74.7465

■ 45.6751, 39.1491,
34.0884

■ 75.1331, 82.2535,
92.6527

■ 40.8902, 32.1474,
24.5761

■ 83.0237, 93.8002,
108.3372

■ 37.0334, 26.5038,
16.9091

■ 34.0446, 22.1302,
10.9680

■ 31.8566, 18.9283,
6.6189

■ 30.3923, 16.7854,
3.7086

■ 29.5596, 15.5666,
2.0539

■ 29.2140, 15.0609,
1.3673

Harmonies

Analogous

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



58.4204, 57.5387, 64.4939



58.2428, 57.5387, 59.0753



57.1006, 57.5387, 54.8580

Triad

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



58.2428, 57.5387, 59.0753



51.8958, 57.5387, 56.0855



54.0536, 57.5387, 73.6948

Complementary

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



58.2428, 57.5387, 59.0753



60.3655, 67.2455, 76.8165

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.



52.3459, 57.5387, 71.1467



58.2428, 57.5387, 59.0753



51.1196, 57.5387, 60.8413

Square

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



58.2428, 57.5387, 59.0753



53.4260, 57.5387, 53.2034



51.2824, 57.5387, 66.3658



55.9714, 57.5387, 73.1531

Rectangle

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



58.2428, 57.5387, 59.0753



55.9603, 57.5387, 53.1932



51.2824, 57.5387, 66.3658



53.4367, 57.5387, 73.1657

Sweetspot

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



58.2444, 57.5413, 59.0765



91.4508, 94.7336, 101.7446



61.2921, 58.7589, 75.1296



19.3736, 19.9833, 21.3786



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.



58.2444, 57.5413, 59.0765



79.4771, 77.2129, 77.9398



61.1436, 63.3396, 60.0429



13.0563, 13.0519, 13.5567



17.3225, 8.9305, 0.8108



1.1223, 0.5787, 0.0525

Inverse Universe

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



60.3655, 67.2455, 76.8165



83.1120, 93.8431, 108.3408



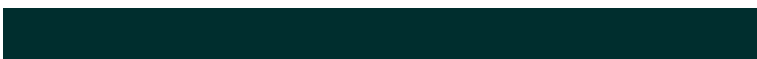
57.2269, 60.9683, 75.7703



13.4447, 14.8292, 16.8059



22.5967, 33.0629, 44.9292



1.4640, 2.1421, 2.9108

Previews

White Background



This preview shows how the XYZ color 58.2428, 57.5387, 59.0753 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 58.2428, 57.5387, 59.0753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

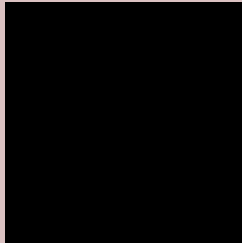
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2428, 57.5387, 59.0753

Background



This preview shows how black text looks on a background with the XYZ color 58.2428, 57.5387, 59.0753.



This preview shows how white text looks on a background with the XYZ color 58.2428, 57.5387,

59.0753.

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

58.2428, 57.5387, 59.0753

Protanopia

55.4033, 57.7154, 61.0434

Deuteranopia

58.6264, 57.4071, 59.0297



Tritanopia

59.9309, 57.5764, 66.9861

Trichromacy



Original Color

58.2428, 57.5387, 59.0753

Protanomaly

56.2246, 57.4733, 60.3547

Deuteranomaly

58.3228, 57.2506, 59.0155

Tritanomaly

59.2458, 57.6198, 63.8763

Monochromacy



Original Color

58.2428, 57.5387, 59.0753

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3996, 57.8753, 61.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2428, 57.5387, 59.0753 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, 194, 194) looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.2428, 57.5387, 59.0753 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, 194, 194) }
```


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

```
.border{ border-color:rgb(219, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2428, 57.5387, 59.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 194) }
```

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

```
.background{ background-color: rgb(219,  
194, 194) }
```

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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