

Converting Colors

XYZ(47.5959, 47.3417, 57.6682)

Have a look what the booklet for
XYZ(47.5959, 47.3417, 57.6682)
contains.

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Color

**XYZ(47.5959, 47.3417,
57.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3C2
RGB	192, 179, 194
RGB Percent	75%, 70%, 76%
CMY	0.2471, 0.2980, 0.2392
CMYK	0.01, 0.08, 0.00, 0.24
HSL	292°, 11%, 73%
HSV	292°, 8%, 76%
XYZ	47.5959, 47.3417, 57.6682
YIQ	184.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

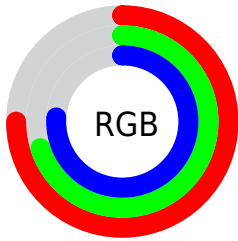
Format	Color
R_{YB}	192, 179, 194
Decimal	12628930
CIE _{Lab}	74.41, 7.36, -5.94
CIE _{LCh}	74, 9.461, 321.102
Yxy	47.3417, 0.3119, 0.3102
Android (android.graphics.Color)	4290819010 (0xFFC0B3C2)
YUV	184.5970, 4.6357, 6.4924
Hunter-Lab	68.8053, 3.0677, -1.5294

Details

The XYZ color **47.5959, 47.3417, 57.6682** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4863, 51.6632, 50.1721**, and the grayscale version is **45.8654, 48.2540, 52.5486**.

A 20% lighter version of the original color is **85.6750, 86.2752, 102.5797**, and **22.8419, 22.3041, 27.9122** is the 20% darker color. If you saturate the color by 10%, you get **43.3292, 39.7716, 56.4326**, and if you desaturate by 10%, it is **52.4239, 56.0159, 59.0887**.

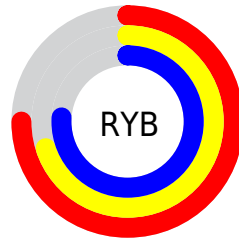
Distribution



Red (75%)

Green (70%)

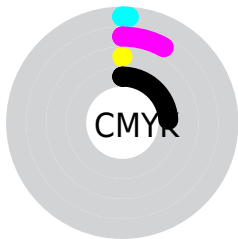
Blue (76%)



Red (75%)

Yellow (70%)

Blue (76%)

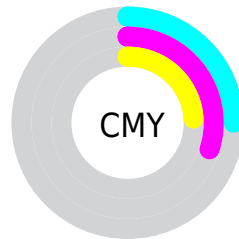


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5959, 47.3417, 57.6682 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 47.5959, 47.3417, 57.6682 by changing the saturation by 10% instead.


 47.5959, 47.3417,
57.6682

 47.5959, 47.3417,
57.6682


367.7974,
376.1768, 433.5121

 33.7169, 33.3059,
41.1290


 85.8158, 86.2234,
102.9495

 22.8381, 22.3609,
28.0995


110.8874,
111.8382, 132.5288

 14.5940, 14.1223,
18.1610


140.4205,
142.0813, 167.2917

 8.6194, 8.2058,
10.8950

174.7806,
177.3372, 207.6570

 4.5489, 4.2269,
5.8830

214.3330,
217.9903, 254.0432

 2.0171, 1.8013,
2.7064

259.4430,

 0.6435, 0.4880,

264.4250, 306.8687

0.9467

310.4761,
317.0257, 366.5522

■ 0.0000, 0.0000,
0.0000

■ 47.5959, 47.3417,
57.6682

■ 47.5959, 47.3417,
57.6682

■ 43.3292, 39.7716,
56.4326

■ 52.4239, 56.0159,
59.0887

■ 39.5969, 33.2540,
55.3713

■ 57.8305, 65.8307,
60.6982

■ 36.3759, 27.7422,
54.4772

■ 63.8374, 76.8289,
62.5045

■ 33.6401, 23.1839,
53.7415

■ 69.9497, 88.0205,
64.3425

■ 31.3608, 19.5217,
53.1548

■ 70.6573, 88.3853,
64.3757

■ 29.5061, 16.6923,
52.7064

■ 71.3767, 88.7562,
64.4093

■ 28.0402, 14.6238,
52.3844

■ 72.1079, 89.1331,
64.4435

■ 26.9211, 13.2323,
52.1748

■ 72.8511, 89.5162,
64.4783

■ 26.0869, 12.3943,
52.0570

■ 73.6062, 89.9055,
64.5137

Harmonies

Analogous

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



46.1871, 47.3417, 60.8086



47.5959, 47.3417, 57.6682



48.3129, 47.3417, 53.0125

Triad

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



47.5959, 47.3417, 57.6682



45.5057, 47.3417, 42.8192



42.0081, 47.3417, 55.0005

Complementary

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



47.5959, 47.3417, 57.6682



46.4863, 51.6632, 50.1721

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.



41.8361, 47.3417, 50.1089



47.5959, 47.3417, 57.6682



43.8273, 47.3417, 43.2772

Square

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



47.5959, 47.3417, 57.6682



47.0863, 47.3417, 44.5821



42.4942, 47.3417, 45.8752



42.9702, 47.3417, 59.2021

Rectangle

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



47.5959, 47.3417, 57.6682



48.2900, 47.3417, 49.7609



42.4942, 47.3417, 45.8752



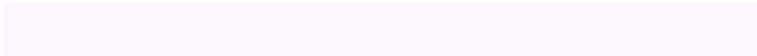
41.8570, 47.3417, 53.3755

Sweetspot

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



47.5973, 47.3437, 57.6692



91.0897, 94.4777, 105.9049



44.9048, 46.6305, 57.6735



19.9670, 20.7243, 23.1978



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.



47.5973, 47.3437, 57.6692



85.0805, 83.7170, 104.1446



47.5279, 47.3749, 54.6426



10.3609, 10.1772, 12.7031



17.0874, 8.0693, 34.2135



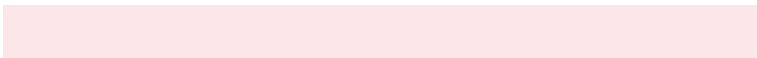
0.7757, 0.3679, 1.4800

Inverse Universe

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



46.7104, 47.0479, 50.3377



83.2033, 83.0922, 88.5639



46.5618, 51.6397, 53.0002



10.1267, 10.0993, 10.7576



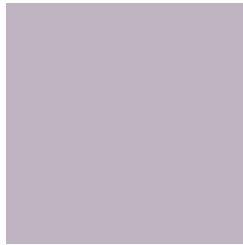
14.7668, 7.5965, 1.4182



0.6562, 0.3355, 0.1571

Previews

White Background



This preview shows how the XYZ color 47.5959, 47.3417, 57.6682 looks on a white background.

Color Contrast Check

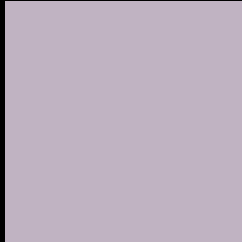
Large Text (above 18pt) WCAG AA × Fail

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 47.5959, 47.3417, 57.6682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

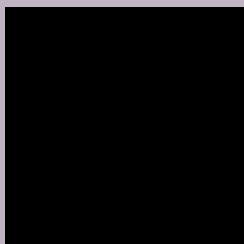
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5959, 47.3417, 57.6682

Background



This preview shows how black text looks on a background with the XYZ color 47.5959, 47.3417, 57.6682.



This preview shows how white text looks on a background with the XYZ color 47.5959, 47.3417,

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

47.5959, 47.3417, 57.6682

Protanopia

46.2202, 47.5087, 58.9586

Deuteranopia

48.4229, 47.4716, 57.6497



Tritanopia

47.4840, 47.2969, 57.0786

Trichromacy



Original Color

47.5959, 47.3417, 57.6682

Protanomaly

46.6239, 47.4270, 58.3267

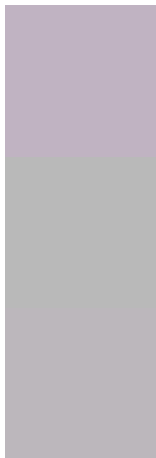
Deuteranomaly

48.1637, 47.3379, 57.6376

Tritanomaly

47.4840, 47.2969, 57.0786

Monochromacy



Original Color

47.5959, 47.3417, 57.6682

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7496, 48.1892, 54.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5959, 47.3417, 57.6682 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(192, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 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(192, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.5959, 47.3417, 57.6682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

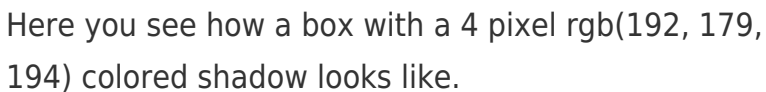
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 179, 194) }
```


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

```
.border{ border-color:rgb(192, 179, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 179, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 179, 194); box-shadow:4px 4px 4px 4px rgb(192, 179, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5959, 47.3417, 57.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 194) }
```

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

```
.background{ background-color: rgb(192,  
179, 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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