

Converting Colors

XYZ(47.3717, 50.3831, 59.3570)

Have a look what the booklet for
XYZ(47.3717, 50.3831, 59.3570)
contains.

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Color

**XYZ(47.2175, 50.2045,
59.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BDC4
RGB	181, 189, 196
RGB Percent	71%, 74%, 77%
CMY	0.2902, 0.2588, 0.2314
CMYK	0.08, 0.04, 0.00, 0.23
HSL	208°, 11%, 74%
HSV	208°, 8%, 77%
XYZ	47.2175, 50.2045, 59.4264
YIQ	187.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

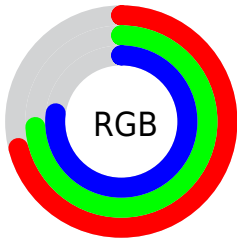
Format	Color
RYB	181, 186, 196
Decimal	11910596
CIELab	76.19, -1.39, -4.49
CIElCh	76, 4.700, 252.746
Yxy	50.2045, 0.3010, 0.3201
Android (android.graphics.Color)	4290100676 (0xFFB5BDC4)
YUV	187.4060, 4.2368, -5.6181
Hunter-Lab	70.8551, -5.0450, -0.1281

Details

The XYZ color **47.2175, 50.2045, 59.4264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0889, 51.0381, 50.9811**, and the grayscale version is **47.4442, 49.9150, 54.3575**.

A 20% lighter version of the original color is **85.3071, 90.4012, 105.8815**, and **22.5887, 24.1505, 29.0621** is the 20% darker color. If you saturate the color by 10%, you get **41.0362, 44.1910, 58.5922**, and if you desaturate by 10%, it is **54.1722, 56.8036, 60.3344**.

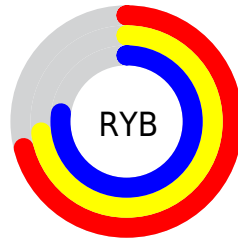
Distribution



Red (71%)

Green (74%)

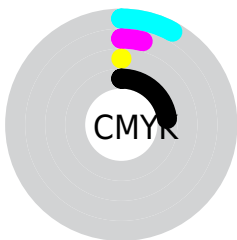
Blue (77%)



Red (71%)

Yellow (73%)

Blue (77%)

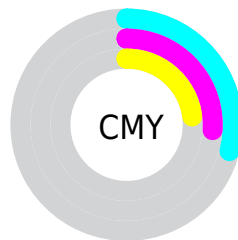


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (23%)



Cyan (29%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2175, 50.2045, 59.4264 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 47.2175, 50.2045, 59.4264 by changing the saturation by 10% instead.

■ 47.2175, 50.2045,
59.4264

■ 47.2175, 50.2045,
59.4264

366.3165,
387.4651, 440.2261

■ 33.4163, 35.5759,
42.5342

■ 85.2550, 90.4778,
105.5323

■ 22.6063, 24.1068,
29.1911

110.2219,
116.8913, 135.5832

■ 14.4222, 15.4129,
18.9786

139.6415,
148.0019, 170.8573

■ 8.4985, 9.1097,
11.4782

173.8791,
184.1940, 211.7732

■ 4.4700, 4.8128,
6.2712

213.3000,
225.8520, 258.7495

■ 1.9713, 2.1378,
2.9393

258.2697,

■ 0.6178, 0.6858,

273.3602, 312.2047

1.0637

309.1534,
327.1031, 372.5574

■ 0.0000, 0.0000,
0.0000

■ 47.2175, 50.2045,
59.4264

■ 47.2175, 50.2045,
59.4264

■ 41.0362, 44.1910,
58.5922

■ 54.1722, 56.8036,
60.3344

■ 35.5950, 38.7383,
57.8266

■ 61.9236, 63.9993,
61.3147

■ 30.8642, 33.8292,
57.1283

■ 70.4990, 71.8103,
62.3705

■ 26.8104, 29.4427,
56.4953

■ 78.2853, 79.4082,
63.4266

■ 23.3973, 25.5565,
55.9251

■ 80.8320, 84.5017,
64.2755

■ 20.5849, 22.1463,
55.4151

■ 83.5133, 89.8642,
65.1693

■ 18.3282, 19.1847,
54.9624

■ 86.3310, 95.4996,
66.1085

■ 16.5747, 16.6408,
54.5638

■ 86.9640, 96.7656,
66.3195

■ 15.2498, 14.4718,
54.2150

Harmonies

Analogous

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



46.4854, 50.2045, 58.0215



47.2175, 50.2045, 59.4264



48.0924, 50.2045, 59.5308

Triad

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



47.2175, 50.2045, 59.4264



49.3882, 50.2045, 53.6014



46.5780, 50.2045, 51.1804

Complementary

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



47.2175, 50.2045, 59.4264



49.0889, 51.0381, 50.9811

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.



47.3453, 50.2045, 50.0703



47.2175, 50.2045, 59.4264



48.9719, 50.2045, 51.4389

Square

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



47.2175, 50.2045, 59.4264



49.3530, 50.2045, 56.1149



48.2218, 50.2045, 50.1634



46.1193, 50.2045, 53.2387

Rectangle

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



47.2175, 50.2045, 59.4264



48.6395, 50.2045, 58.8443



48.2218, 50.2045, 50.1634



46.8080, 50.2045, 50.6868

Sweetspot

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



47.2190, 50.2066, 59.4275



92.4443, 97.5370, 108.5619



47.8470, 52.9246, 55.1303



19.8142, 20.9028, 23.2403



0.0000, 0.0000, 0.0000



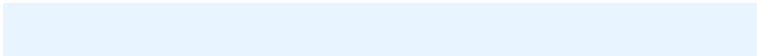
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2190, 50.2066, 59.4275



83.7843, 89.2628, 107.4213



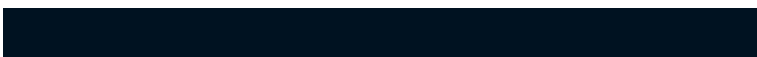
45.6976, 47.1638, 58.9204



9.9633, 10.6178, 12.8092



9.7069, 9.1703, 34.8151



0.4879, 0.5332, 1.5271

Inverse Universe

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



48.4753, 48.4587, 54.9451



86.4846, 85.5509, 97.7772



50.6775, 54.2152, 51.5106



10.2928, 10.1657, 11.6322



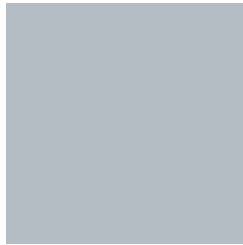
16.2956, 8.2080, 9.4685



0.7386, 0.3685, 0.5911

Previews

White Background



This preview shows how the XYZ color 47.2175, 50.2045, 59.4264 looks on a white background.

Color Contrast Check

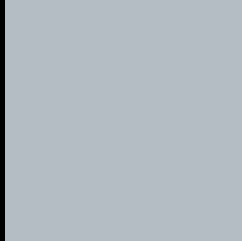
Large Text (above 18pt) WCAG AA × Fail

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 47.2175, 50.2045, 59.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

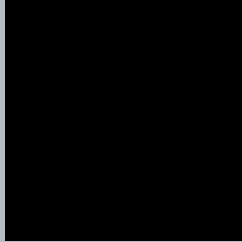
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

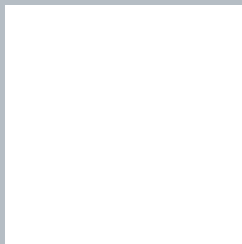
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2175, 50.2045, 59.4264

Background



This preview shows how black text looks on a background with the XYZ color 47.2175, 50.2045, 59.4264.

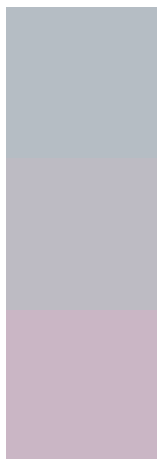


This preview shows how white text looks on a background with the XYZ color 47.2175, 50.2045,

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

47.2175, 50.2045, 59.4264

Protanopia

48.6069, 50.2996, 58.7767

Deuteranopia

51.1631, 50.0437, 59.7861



Tritanopia

48.0541, 50.2233, 63.6613

Trichromacy



Original Color

47.2175, 50.2045, 59.4264

Protanomaly

48.0832, 50.3457, 58.8132

Deuteranomaly

49.6751, 50.1985, 59.8944

Tritanomaly

47.7000, 50.0817, 61.7963

Monochromacy



Original Color

47.2175, 50.2045, 59.4264

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2851, 49.9984, 55.8737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2175, 50.2045, 59.4264 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(181, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 196)  
}
```

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(181, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.2175, 50.2045, 59.4264 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(181, 189, 196) }
```


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

```
.border{ border-color:rgb(181, 189, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2175, 50.2045, 59.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 196) }
```

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

```
.background{ background-color: rgb(181,  
189, 196) }
```

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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