

Converting Colors

XYZ(47.1620, 49.4269, 58.3309)

Have a look what the booklet for
XYZ(47.1620, 49.4269, 58.3309)
contains.

XYZ(47.2751, 49.6260, 58.1261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.2751, 49.6260,
58.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BBC2
RGB	184, 187, 194
RGB Percent	72%, 73%, 76%
CMY	0.2784, 0.2666, 0.2392
CMYK	0.05, 0.04, 0.00, 0.24
HSL	222°, 8%, 74%
HSV	222°, 5%, 76%
XYZ	47.2751, 49.6260, 58.1261
YIQ	186.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

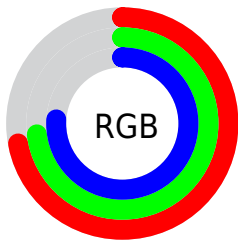
Format	Color
RYB	184, 186, 194
Decimal	12106690
CIELab	75.84, 0.30, -3.90
CIElCh	76, 3.912, 274.389
Yxy	49.6260, 0.3049, 0.3201
Android (android.graphics.Color)	4290296770 (0xFFB8BBC2)
YUV	186.9010, 3.4998, -2.5442
Hunter-Lab	70.4457, -3.4913, 0.3907

Details

The XYZ color **47.2751, 49.6260, 58.1261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5309, 52.1913, 52.8116**, and the grayscale version is **47.1620, 49.6181, 54.0341**.

A 20% lighter version of the original color is **85.2411, 89.5286, 103.2305**, and **22.6188, 23.7689, 28.2067** is the 20% darker color. If you saturate the color by 10%, you get **40.1981, 41.9039, 57.0093**, and if you desaturate by 10%, it is **55.2645, 58.2254, 59.3656**.

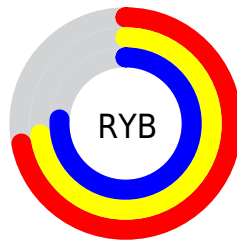
Distribution



Red (72%)

Green (73%)

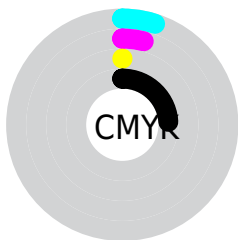
Blue (76%)



Red (72%)

Yellow (73%)

Blue (76%)

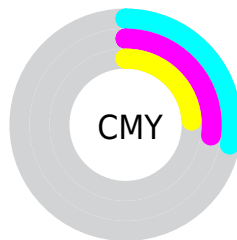


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2751, 49.6260, 58.1261 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 47.2751, 49.6260, 58.1261 by changing the saturation by 10% instead.

■ 47.2751, 49.6260,
58.1261

■ 47.2751, 49.6260,
58.1261

366.5421,
385.2016, 435.2670

■ 33.4620, 35.1163,
41.4947

■ 85.3404, 89.6205,
103.6231

■ 22.6416, 23.7525,
28.3832

110.3233,
115.8741, 133.3257

■ 14.4483, 15.1501,
18.3732

139.7602,
146.8111, 168.2224

■ 8.5169, 8.9248,
11.0460

174.0165,
182.8160, 208.7318

■ 4.4820, 4.6922,
5.9832

213.4574,
224.2731, 255.2724

■ 1.9783, 2.0678,
2.7663

258.4485,

■ 0.6217, 0.6464,

271.5668, 308.2628

0.9766

309.3549,
325.0815, 368.1215

■ 0.0000, 0.0000,
0.0000

■ 47.2751, 49.6260,
58.1261

■ 47.2751, 49.6260,
58.1261

■ 40.1981, 41.9039,
57.0093

■ 55.2645, 58.2254,
59.3656

■ 33.9960, 35.0245,
56.0084

■ 64.1937, 67.7226,
60.7281

■ 28.6348, 28.9599,
55.1203

■ 74.0938, 78.1456,
62.2182

■ 24.0766, 23.6784,
54.3412

■ 82.5229, 88.2453,
63.7234

■ 20.2807, 19.1462,
53.6664

■ 86.6988, 96.5972,
65.1154

■ 17.2023, 15.3265,
53.0914

■ 86.7378, 96.6751,
65.1283

■ 14.7917, 12.1794,
52.6110

■ 12.9922, 9.6601,
52.2196

■ 11.7361, 7.7171,
51.9107

Harmonies

Analogous

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



46.5662, 49.6260, 57.7263



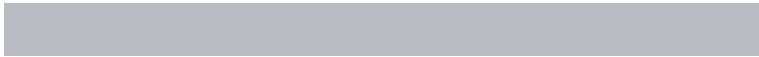
47.2751, 49.6260, 58.1261



47.9622, 49.6260, 57.4066

Triad

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



47.2751, 49.6260, 58.1261



48.3313, 49.6260, 51.8040



45.9184, 49.6260, 52.3217

Complementary

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



47.2751, 49.6260, 58.1261



49.5309, 52.1913, 52.8116

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.



46.3827, 49.6260, 50.7966



47.2751, 49.6260, 58.1261



47.7750, 49.6260, 50.5031

Square

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



47.2751, 49.6260, 58.1261



48.5759, 49.6260, 53.7284



47.0611, 49.6260, 50.1391



45.7876, 49.6260, 54.3413

Rectangle

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



47.2751, 49.6260, 58.1261



48.3139, 49.6260, 56.3997



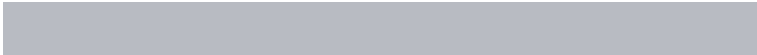
47.0611, 49.6260, 50.1391



46.0404, 49.6260, 51.7360

Sweetspot

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



47.2765, 49.6281, 58.1272



89.9915, 94.6041, 105.9871



48.4454, 52.5290, 56.7807



19.7381, 20.7507, 23.2149



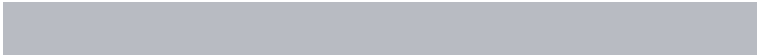
0.0000, 0.0000, 0.0000



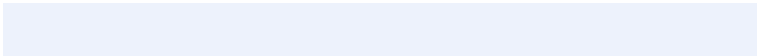
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2765, 49.6281, 58.1272



84.3763, 88.5293, 105.1106



47.0882, 48.5952, 57.9377



10.2213, 10.7217, 12.8156



7.4690, 4.6944, 34.0691



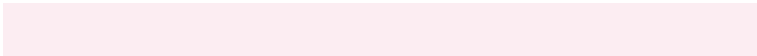
0.3847, 0.3267, 1.4927

Inverse Universe

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



48.3594, 49.3392, 53.9907



86.6847, 87.9254, 96.2899



49.7248, 53.2734, 53.0103



10.5237, 10.6434, 11.6602



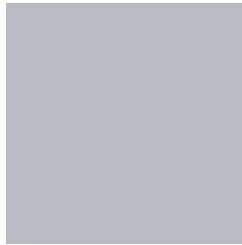
15.1660, 7.7561, 3.5200



0.6865, 0.3476, 0.3168

Previews

White Background



This preview shows how the XYZ color 47.2751, 49.6260, 58.1261 looks on a white background.

Color Contrast Check

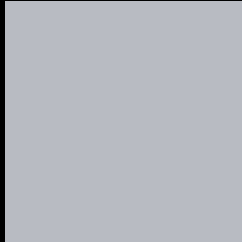
Large Text (above 18pt) WCAG AA × Fail

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 47.2751, 49.6260, 58.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

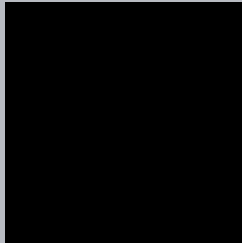
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2751, 49.6260, 58.1261

Background



This preview shows how black text looks on a background with the XYZ color 47.2751, 49.6260, 58.1261.

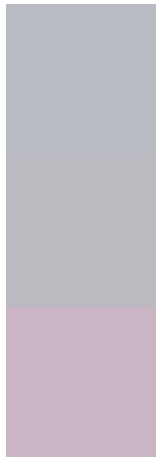


This preview shows how white text looks on a background with the XYZ color 47.2751, 49.6260,

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

47.2751, 49.6260, 58.1261

Protanopia

47.9236, 49.6594, 57.5115

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

48.1091, 49.6491, 62.3060

Trichromacy



Original Color

47.2751, 49.6260, 58.1261

Protanomaly

47.6781, 49.5329, 57.5000

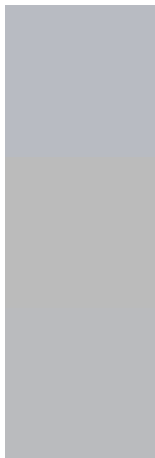
Deuteranomaly

49.2895, 49.4092, 58.5689

Tritanomaly

47.7595, 49.5093, 60.4651

Monochromacy



Original Color

47.2751, 49.6260, 58.1261

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3143, 49.6975, 55.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2751, 49.6260, 58.1261 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(184, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 187, 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(184, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.2751, 49.6260, 58.1261 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(184, 187, 194) }
```


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

```
.border{ border-color:rgb(184, 187, 194) }
```

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

Here you see how a box with a 4 pixel rgb(184, 187, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2751, 49.6260, 58.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 187, 194) }
```

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

```
.background{ background-color: rgb(184,  
187, 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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