

Converting Colors

XYZ(48.4487, 52.1473, 59.1417)

Have a look what the booklet for
XYZ(48.4487, 52.1473, 59.1417)
contains.

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Color

**XYZ(48.4487, 52.1473,
59.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C1C3
RGB	183, 193, 195
RGB Percent	72%, 76%, 76%
CMY	0.2823, 0.2431, 0.2353
CMYK	0.06, 0.01, 0.00, 0.24
HSL	190°, 9%, 74%
HSV	190°, 6%, 76%
XYZ	48.4487, 52.1473, 59.1417
YIQ	190.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

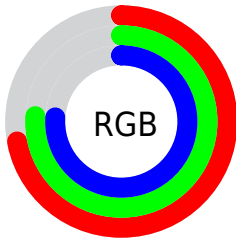
Format	Color
R_{YB}	183, 188, 195
Decimal	12042691
CIE Lab	77.37, -3.04, -2.20
CIE LCh	77, 3.756, 215.894
Yxy	52.1473, 0.3033, 0.3265
Android (android.graphics.Color)	4290232771 (0xFFB7C1C3)
YUV	190.2380, 2.3477, -6.3477
Hunter-Lab	72.2131, -6.6149, 1.9913

Details

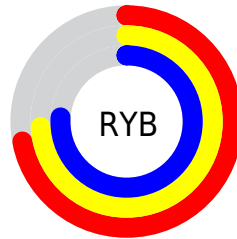
The XYZ color **48.4487, 52.1473, 59.1417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4021, 49.7185, 51.8461**, and the grayscale version is **49.0715, 51.6270, 56.2218**.

A 20% lighter version of the original color is **87.0430, 93.1304, 105.4838**, and **23.3917, 25.4251, 28.8740** is the 20% darker color. If you saturate the color by 10%, you get **43.4189, 48.5024, 58.7041**, and if you desaturate by 10%, it is **54.1398, 56.1594, 59.6170**.

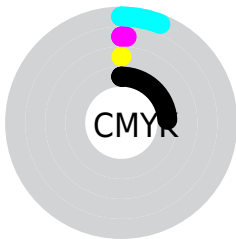
Distribution



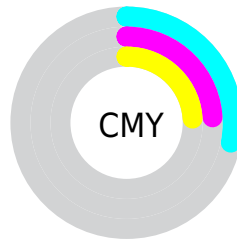
- Red (72%)
- Green (76%)
- Blue (76%)



- Red (72%)
- Yellow (74%)
- Blue (76%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4487, 52.1473, 59.1417 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 48.4487, 52.1473, 59.1417 by changing the saturation by 10% instead.

■ 48.4487, 52.1473,
59.1417

■ 48.4487, 52.1473,
59.1417

371.1210,
395.0050, 439.1433

■ 34.3951, 37.1225,
42.3064

■ 87.0778, 93.3484,
105.1147

■ 23.3616, 25.3024,
29.0140

112.3839,
120.2936, 135.0896

■ 14.9829, 16.3025,
18.8457

142.1716,
151.9809, 170.2814

■ 8.8936, 9.7384,
11.3832

176.8062,
188.7949, 211.1086

■ 4.7284, 5.2259,
6.2078

216.6531,
231.1199, 257.9899

■ 2.1219, 2.3804,
2.9010

262.0777,

■ 0.7011, 0.8158,

279.3403, 311.3438

1.0443

313.4451,
333.8406, 371.5887

■ 0.0000, 0.0000,
0.0000

■ 48.4487, 52.1473,
59.1417

■ 48.4487, 52.1473,
59.1417

■ 43.4189, 48.5024,
58.7041

■ 54.1398, 56.1594,
59.6170

■ 39.0197, 45.2044,
58.2993

■ 60.5127, 60.5450,
60.1276

■ 35.2242, 42.2407,
57.9273

■ 67.5923, 65.3186,
60.6758

■ 32.0023, 39.5955,
57.5866

■ 73.1582, 69.3357,
61.1579

■ 29.3208, 37.2518,
57.2755

■ 73.9475, 70.9143,
61.4210

■ 27.1433, 35.1905,
56.9924

■ 74.7530, 72.5253,
61.6895

■ 25.4286, 33.3903,
56.7353

■ 75.5749, 74.1690,
61.9634

■ 24.1290, 31.8263,
56.5019

■ 76.4131, 75.8455,
62.2428

■ 23.1836, 30.4671,
56.2894

■ 77.2679, 77.5550,
62.5277

Harmonies

Analogous

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



48.1968, 52.1473, 57.1886



48.4487, 52.1473, 59.1417



48.9998, 52.1473, 60.4852

Triad

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



48.4487, 52.1473, 59.1417



50.8420, 52.1473, 58.4183



49.4221, 52.1473, 52.9172

Complementary

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



48.4487, 52.1473, 59.1417



48.4021, 49.7185, 51.8461

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.



50.1334, 52.1473, 53.2285



48.4487, 52.1473, 59.1417



50.9577, 52.1473, 56.3724

Square

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



48.4487, 52.1473, 59.1417



50.3825, 52.1473, 60.0605



50.6972, 52.1473, 54.4811



48.7553, 52.1473, 53.6203

Rectangle

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



48.4487, 52.1473, 59.1417



49.4651, 52.1473, 60.8367



50.6972, 52.1473, 54.4811



49.6639, 52.1473, 52.9069

Sweetspot

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



48.4502, 52.1495, 59.1428



90.8294, 96.2799, 106.2665



47.7802, 52.5927, 53.4222



19.9127, 21.0999, 23.2731



0.0000, 0.0000, 0.0000



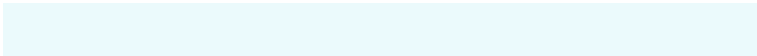
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4502, 52.1495, 59.1428



85.8632, 92.7479, 105.8464



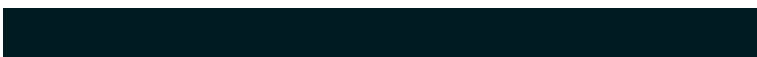
47.1924, 49.6338, 58.7236



10.4344, 11.2871, 12.9135



14.9155, 19.5875, 36.5513



0.6832, 0.9239, 1.5922

Inverse Universe

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



49.0659, 49.3203, 57.3883



87.1314, 86.9408, 102.2284



49.6410, 52.1963, 52.2591



10.5972, 10.5427, 12.4488



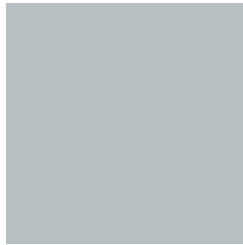
18.9246, 9.2596, 23.3129



0.8372, 0.4079, 1.1103

Previews

White Background



This preview shows how the XYZ color 48.4487, 52.1473, 59.1417 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 48.4487, 52.1473, 59.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

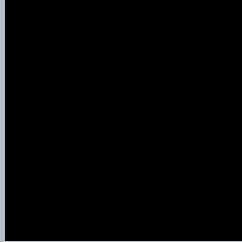
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

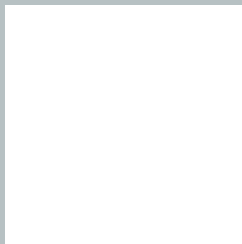
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4487, 52.1473, 59.1417

Background



This preview shows how black text looks on a background with the XYZ color 48.4487, 52.1473, 59.1417.

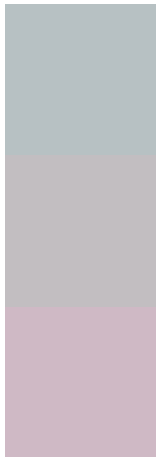


This preview shows how white text looks on a background with the XYZ color 48.4487, 52.1473,

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

48.4487, 52.1473, 59.1417

Protanopia

50.2872, 52.1465, 57.8669

Deuteranopia

53.1591, 51.9945, 60.0575



Tritanopia

49.7790, 52.0321, 65.8121

Trichromacy



Original Color

48.4487, 52.1473, 59.1417

Protanomaly

49.6036, 52.1038, 58.4816

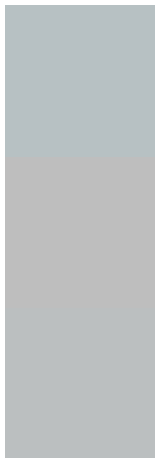
Deuteranomaly

51.2357, 51.9577, 59.5530

Tritanomaly

49.2775, 52.1539, 63.3466

Monochromacy



Original Color

48.4487, 52.1473, 59.1417

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6387, 51.6322, 57.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4487, 52.1473, 59.1417 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(183, 193, 195) looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 195)  
}
```

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(183, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.4487, 52.1473, 59.1417 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(183, 193, 195) }
```


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

```
.border{ border-color:rgb(183, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(183, 193,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4487, 52.1473, 59.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 195) }
```

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

```
.background{ background-color: rgb(183,  
193, 195) }
```

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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