

Converting Colors

XYZ(49.1781, 49.2135, 59.3408)

Have a look what the booklet for
XYZ(49.1781, 49.2135, 59.3408)
contains.

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Color

**XYZ(49.1454, 49.3218,
59.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B7C4
RGB	194, 183, 196
RGB Percent	76%, 72%, 77%
CMY	0.2392, 0.2823, 0.2314
CMYK	0.01, 0.07, 0.00, 0.23
HSL	291°, 10%, 74%
HSV	291°, 7%, 77%
XYZ	49.1454, 49.3218, 59.1544
YIQ	187.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

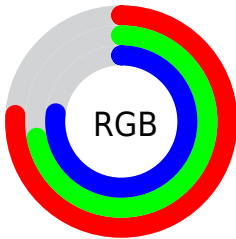
Format	Color
R_YB	194, 183, 196
Decimal	12761028
CIE _{Lab}	75.65, 6.27, -5.18
CIE _{LCh}	76, 8.128, 320.448
Yxy	49.3218, 0.3118, 0.3129
Android (android.graphics.Color)	4290951108 (0xFFC2B7C4)
YUV	187.7710, 4.0569, 5.4628
Hunter-Lab	70.2295, 2.0097, -0.7794

Details

The XYZ color **49.1454, 49.3218, 59.1544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2966, 53.2144, 52.5281**, and the grayscale version is **47.6480, 50.1294, 54.5909**.

A 20% lighter version of the original color is **88.0205, 89.1488, 105.4968**, and **23.6803, 23.4937, 28.8778** is the 20% darker color. If you saturate the color by 10%, you get **44.6152, 41.3982, 57.8645**, and if you desaturate by 10%, it is **54.2572, 58.3836, 60.6348**.

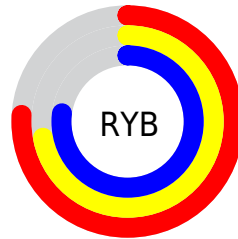
Distribution



Red (76%)

Green (72%)

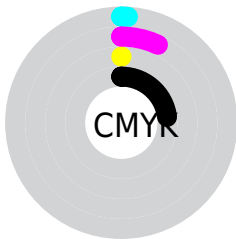
Blue (77%)



Red (76%)

Yellow (72%)

Blue (77%)

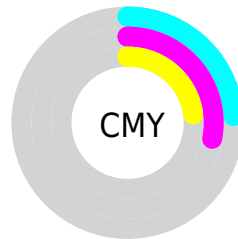


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1454, 49.3218, 59.1544 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 49.1454, 49.3218, 59.1544 by changing the saturation by 10% instead.

■ 49.1454, 49.3218,
59.1544

■ 49.1454, 49.3218,
59.1544

373.8219,
384.0078, 439.1917

■ 34.9498, 34.8748,
42.3166

■ 88.1068, 89.1692,
105.1334

■ 23.7906, 23.5665,
29.0219

113.6033,
115.3384, 135.1116

■ 15.3022, 15.0123,
18.8516

143.5976,
146.1839, 170.3071

■ 9.1195, 8.8280,
11.3874

178.4549,
182.0899, 211.1383

■ 4.8769, 4.6292,
6.2106

218.5406,
223.4409, 258.0238

■ 2.2092, 2.0314,
2.9027

264.2202,

■ 0.7476, 0.6256,

270.6213, 311.3822

1.0452

315.8588,
324.0155, 371.6320

■ 0.0000, 0.0000,
0.0000

■ 49.1454, 49.3218,
59.1544

■ 49.1454, 49.3218,
59.1544

■ 44.6152, 41.3982,
57.8645

■ 54.2572, 58.3836,
60.6348

■ 40.6389, 34.5603,
56.7542

■ 59.9681, 68.6210,
62.3098

■ 37.1934, 28.7605,
55.8163

■ 66.3002, 80.0773,
64.1874

■ 34.2517, 23.9456,
55.0420

■ 71.1959, 88.6369,
65.5815

■ 31.7847, 20.0574,
54.4215

■ 72.0417, 89.0729,
65.6211

■ 29.7603, 17.0316,
53.9442

■ 72.9037, 89.5173,
65.6614

■ 28.1421, 14.7957,
53.5979

■ 73.7820, 89.9700,
65.7025

■ 26.8877, 13.2652,
53.3686

■ 74.6766, 90.4312,
65.7444

■ 25.9414, 12.3287,
53.2377

■ 75.5876, 90.9008,
65.7870

Harmonies

Analogous

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



47.8970, 49.3218, 61.8476



49.1454, 49.3218, 59.1544



49.7904, 49.3218, 55.0899

Triad

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



49.1454, 49.3218, 59.1544



47.3607, 49.3218, 45.9390



44.2197, 49.3218, 56.6503

Complementary

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



49.1454, 49.3218, 59.1544



48.2966, 53.2144, 52.5281

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.



44.0831, 49.3218, 52.3397



49.1454, 49.3218, 59.1544



45.8753, 49.3218, 46.3069

Square

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



49.1454, 49.3218, 59.1544



48.7456, 49.3218, 47.5639



44.6832, 49.3218, 48.5974



45.0605, 49.3218, 60.3490

Rectangle

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



49.1454, 49.3218, 59.1544



49.7823, 49.3218, 52.2144



44.6832, 49.3218, 48.5974



44.0907, 49.3218, 55.2198

Sweetspot

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



49.1468, 49.3239, 59.1555



93.1564, 96.6405, 108.3514



46.8782, 48.8228, 59.1783



19.9592, 20.7202, 23.1974



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.



49.1468, 49.3239, 59.1555



87.7384, 87.0773, 106.7910



49.1775, 49.3959, 56.6195



10.3401, 10.1665, 12.7022



16.5438, 7.7891, 34.1881



0.7568, 0.3582, 1.4791

Inverse Universe

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



48.4571, 49.1078, 52.8262



86.2283, 86.6056, 92.8601



48.2755, 53.1506, 54.9177



10.1350, 10.1026, 10.8014



14.8000, 7.6097, 1.5928



0.6600, 0.3370, 0.1768

Previews

White Background



This preview shows how the XYZ color 49.1454, 49.3218, 59.1544 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 49.1454, 49.3218, 59.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

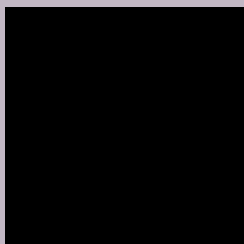
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1454, 49.3218, 59.1544

Background



This preview shows how black text looks on a background with the XYZ color 49.1454, 49.3218, 59.1544.



This preview shows how white text looks on a background with the XYZ color 49.1454, 49.3218,

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

49.1454, 49.3218, 59.1544

Protanopia

47.9205, 49.2939, 59.8123

Deuteranopia

50.3071, 49.3126, 59.0914



Tritanopia

49.2597, 49.3675, 59.7559

Trichromacy



Original Color

49.1454, 49.3218, 59.1544

Protanomaly

48.4537, 49.2593, 59.7775

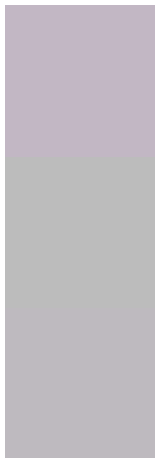
Deuteranomaly

49.9805, 49.4472, 59.1346

Tritanomaly

49.2597, 49.3675, 59.7559

Monochromacy



Original Color

49.1454, 49.3218, 59.1544

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1981, 49.8265, 56.3674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1454, 49.3218, 59.1544 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(194, 183, 196) looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 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(194, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 196) }
```

Border

The CSS property to change the border of an element to XYZ 49.1454, 49.3218, 59.1544 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(194, 183, 196) }
```


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

```
.border{ border-color:rgb(194, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1454, 49.3218, 59.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 196) }
```

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

```
.background{ background-color: rgb(194,  
183, 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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