

Converting Colors

XYZ(47.3665, 49.8872, 56.6819)

Have a look what the booklet for
XYZ(47.3665, 49.8872, 56.6819)
contains.

XYZ(47.3948, 50.0423, 56.4514)	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(47.3948, 50.0423,
56.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BCBF
RGB	185, 188, 191
RGB Percent	73%, 74%, 75%
CMY	0.2745, 0.2627, 0.2510
CMYK	0.03, 0.02, 0.00, 0.25
HSL	210°, 4%, 74%
HSV	210°, 3%, 75%
XYZ	47.3948, 50.0423, 56.4514
YIQ	187.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

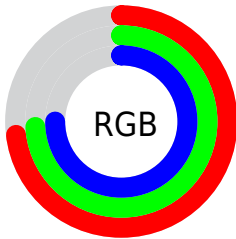
Format	Color
RYB	185, 187, 191
Decimal	12172479
CIELab	76.10, -0.47, -1.89
CIELCh	76, 1.943, 255.988
Yxy	50.0423, 0.3080, 0.3252
Android (android.graphics.Color)	4290362559 (0xFFB9BCBF)
YUV	187.4450, 1.7526, -2.1443
Hunter-Lab	70.7406, -4.2045, 2.2046

Details

The XYZ color **47.3948, 50.0423, 56.4514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2262, 50.5452, 53.1142**, and the grayscale version is **47.4781, 49.9507, 54.3963**.

A 20% lighter version of the original color is **85.4148, 90.1175, 100.8883**, and **22.7671, 24.0685, 27.4905** is the 20% darker color. If you saturate the color by 10%, you get **41.1221, 43.8836, 55.5940**, and if you desaturate by 10%, it is **54.4241, 56.7939, 57.3849**.

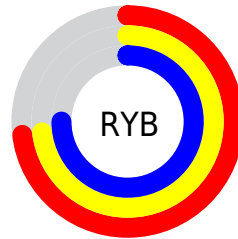
Distribution



Red (73%)

Green (74%)

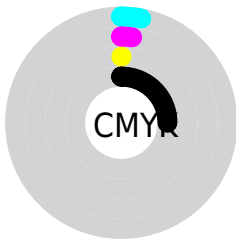
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

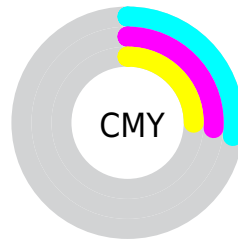


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3948, 50.0423, 56.4514 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 47.3948, 50.0423, 56.4514 by changing the saturation by 10% instead.

■ 47.3948, 50.0423,
56.4514

■ 47.3948, 50.0423,
56.4514

367.0109,
386.8313, 428.8265

■ 33.5571, 35.4470,
40.1585

■ 85.5178, 90.2375,
101.1566

■ 22.7149, 24.0074,
27.3474

110.5338,
116.6063, 130.4061

■ 14.5026, 15.3391,
17.5996

140.0067,
147.6683, 164.8115

■ 8.5551, 9.0577,
10.4964

174.3017,
183.8080, 204.7913

■ 4.5069, 4.7789,
5.6195

213.7843,
225.4098, 250.7642

■ 1.9927, 2.1181,
2.5501

258.8198,

■ 0.6299, 0.6748,

272.8580, 303.1487

0.8665

309.7735,
326.5370, 362.3633

■ 0.0000, 0.0000,
0.0000

■ 47.3948, 50.0423,
56.4514

■ 47.3948, 50.0423,
56.4514

■ 41.1221, 43.8836,
55.5940

■ 54.4241, 56.7939,
57.3849

■ 35.5747, 38.2936,
54.8074

■ 62.2314, 64.1490,
58.3931

■ 30.7253, 33.2556,
54.0906

■ 70.8425, 72.1259,
59.4789

■ 26.5428, 28.7497,
53.4413

■ 77.8861, 79.5055,
60.5321

■ 22.9942, 24.7545,
52.8572

■ 80.5557, 84.8447,
61.4219

■ 20.0430, 21.2468,
52.3357

■ 83.3719, 90.4773,
62.3607

■ 17.6486, 18.2013,
51.8740

■ 86.3371, 96.4076,
63.3491

■ 15.7647, 15.5894,
51.4692

■ 86.4041, 96.5416,
63.3714

■ 14.3365, 13.3777,
51.1176

Harmonies

Analogous

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



47.0801, 50.0423, 55.9388



47.3948, 50.0423, 56.4514



47.7563, 50.0423, 56.4331

Triad

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



47.3948, 50.0423, 56.4514



48.2383, 50.0423, 53.9385



47.0632, 50.0423, 53.1096

Complementary

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



47.3948, 50.0423, 56.4514



48.2262, 50.5452, 53.1142

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.



47.3716, 50.0423, 52.5872



47.3948, 50.0423, 56.4514



48.0506, 50.0423, 53.0616

Square

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



47.3948, 50.0423, 56.4514



48.2446, 50.0423, 54.9733



47.7330, 50.0423, 52.5698



46.8893, 50.0423, 54.0047

Rectangle

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



47.3948, 50.0423, 56.4514



47.9753, 50.0423, 56.1221



47.7330, 50.0423, 52.5698



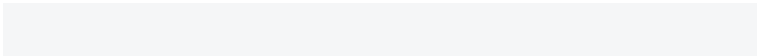
47.1545, 50.0423, 52.8851

Sweetspot

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



47.3962, 50.0444, 56.4525



87.4463, 92.1085, 101.4489



47.7055, 51.2033, 54.8901



19.2160, 20.2393, 22.2791



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.3962, 50.0444, 56.4525



83.7937, 88.5674, 100.9580



46.7823, 48.8166, 56.2478



10.0435, 10.6229, 12.1933



8.9853, 8.0824, 33.4794



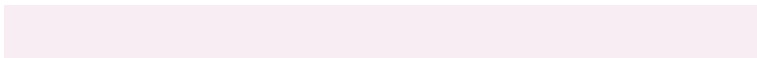
0.4174, 0.4474, 1.3332

Inverse Universe

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



47.9131, 49.4061, 54.5905



84.9861, 87.1060, 96.6598



48.8526, 51.7980, 53.3230



10.2088, 10.4213, 11.5972



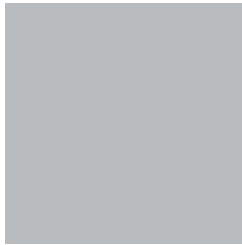
15.5361, 7.8456, 8.1169



0.6416, 0.3205, 0.4918

Previews

White Background



This preview shows how the XYZ color 47.3948, 50.0423, 56.4514 looks on a white background.

Color Contrast Check

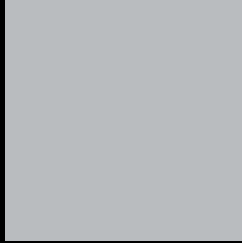
Large Text (above 18pt) WCAG AA × Fail

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 47.3948, 50.0423, 56.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

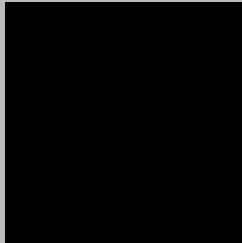
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3948, 50.0423, 56.4514

Background



This preview shows how black text looks on a background with the XYZ color 47.3948, 50.0423, 56.4514.

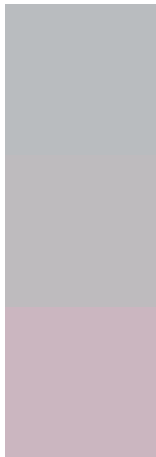


This preview shows how white text looks on a background with the XYZ color 47.3948, 50.0423,

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

47.3948, 50.0423, 56.4514

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

50.8710, 49.9582, 56.8309



Tritanopia

48.5950, 49.8997, 62.3287

Trichromacy



Original Color

47.3948, 50.0423, 56.4514

Protanomaly

47.8036, 49.9497, 55.8369

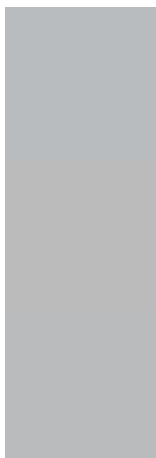
Deuteranomaly

49.4199, 49.8225, 56.8812

Tritanomaly

48.0981, 50.0110, 59.9414

Monochromacy



Original Color

47.3948, 50.0423, 56.4514

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0971, 49.6106, 54.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3948, 50.0423, 56.4514 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(185, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 188, 191)  
}
```

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(185, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 188, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.3948, 50.0423, 56.4514 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(185, 188, 191) }
```


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

```
.border{ border-color:rgb(185, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 188,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3948, 50.0423, 56.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 188, 191) }
```

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

```
.background{ background-color: rgb(185,  
188, 191) }
```

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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