

Converting Colors

XYZ(48.4038, 50.2494, 56.4375)

Have a look what the booklet for
XYZ(48.4038, 50.2494, 56.4375)
contains.

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Color

**XYZ(48.4095, 50.2494,
56.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBBBF
RGB	190, 187, 191
RGB Percent	75%, 73%, 75%
CMY	0.2549, 0.2666, 0.2510
CMYK	0.01, 0.02, 0.00, 0.25
HSL	285°, 3%, 74%
HSV	285°, 2%, 75%
XYZ	48.4095, 50.2494, 56.4379
YIQ	188.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

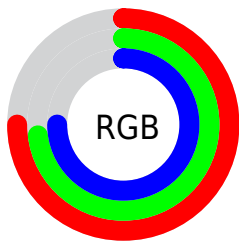
Format	Color
RYB	190, 187, 191
Decimal	12499903
CIELab	76.22, 1.79, -1.65
CIELCh	76, 2.439, 317.305
Yxy	50.2494, 0.3121, 0.3240
Android (android.graphics.Color)	4290689983 (0xFFBEBBBF)
YUV	188.3530, 1.3050, 1.4444
Hunter-Lab	70.8868, -2.1520, 2.4159

Details

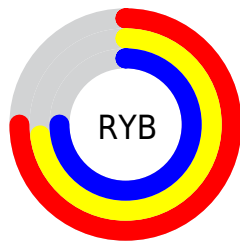
The XYZ color **48.4095, 50.2494, 56.4379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3414, 51.5422, 54.4171**, and the grayscale version is **47.9945, 50.4939, 54.9879**.

A 20% lighter version of the original color is **86.8451, 90.4094, 100.8692**, and **23.4291, 24.2035, 27.4817** is the 20% darker color. If you saturate the color by 10%, you get **43.4502, 42.0735, 55.1219**, and if you desaturate by 10%, it is **53.9497, 59.5276, 57.9375**.

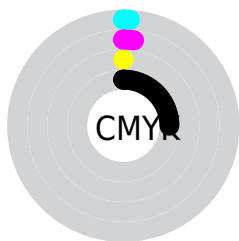
Distribution



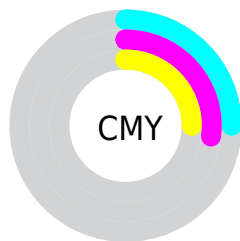
- Red (75%)
- Green (73%)
- Blue (75%)



- Red (75%)
- Yellow (73%)
- Blue (75%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4095, 50.2494, 56.4379 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 48.4095, 50.2494, 56.4379 by changing the saturation by 10% instead.

■ 48.4095, 50.2494,
56.4379

■ 48.4095, 50.2494,
56.4379

370.9686,
387.6404, 428.7743

■ 34.3639, 35.6116,
40.1478

■ 87.0198, 90.5443,
101.1367

■ 23.3375, 24.1344,
27.3391

112.3152,
116.9702, 130.3825

■ 14.9650, 15.4333,
17.5934

142.0913,
148.0942, 164.7839

■ 8.8810, 9.1241,
10.4920

176.7133,
184.3008, 204.7595

■ 4.7201, 4.8222,
5.6166

216.5467,
225.9743, 250.7278

■ 2.1171, 2.1433,
2.5484

261.9568,

■ 0.6985, 0.6888,

273.4992, 303.1073

0.8656

313.3090,
327.2597, 362.3166

■ 0.0000, 0.0000,
0.0000

■ 48.4095, 50.2494,
56.4379

■ 48.4095, 50.2494,
56.4379

■ 43.4502, 42.0735,
55.1219

■ 53.9497, 59.5276,
57.9375

■ 39.0461, 34.9511,
53.9793

■ 60.0869, 69.9418,
59.6242

■ 35.1757, 28.8391,
53.0036

■ 66.8418, 81.5322,
61.5054

■ 31.8146, 23.6891,
52.1866

■ 71.4924, 88.8544,
62.6736

■ 28.9360, 19.4484,
51.5198

■ 72.8662, 89.5626,
62.7379

■ 26.5110, 16.0595,
50.9935

■ 74.2809, 90.2919,
62.8041

■ 24.5070, 13.4580,
50.5970

■ 75.7369, 91.0425,
62.8722

■ 22.8869, 11.5701,
50.3180

■ 77.2345, 91.8145,
62.9423

■ 21.6064, 10.3079,
50.1418

■ 78.7741, 92.6082,
63.0143

Harmonies

Analogous

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



48.0225, 50.2494, 57.1518



48.4095, 50.2494, 56.4379



48.6232, 50.2494, 55.2682

Triad

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



48.4095, 50.2494, 56.4379



47.9540, 50.2494, 52.2938



46.9262, 50.2494, 55.4653

Complementary

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



48.4095, 50.2494, 56.4379



48.3414, 51.5422, 54.4171

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.



46.9082, 50.2494, 54.1617



48.4095, 50.2494, 56.4379



47.4996, 50.2494, 52.3446

Square

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



48.4095, 50.2494, 56.4379



48.3591, 50.2494, 52.8836



47.1174, 50.2494, 53.0237



47.1670, 50.2494, 56.5842

Rectangle

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



48.4095, 50.2494, 56.4379



48.6377, 50.2494, 54.3936



47.1174, 50.2494, 53.0237



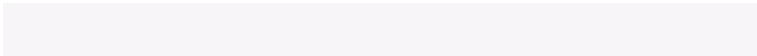
46.8940, 50.2494, 55.0338

Sweetspot

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



48.4109, 50.2516, 56.4390



87.7206, 91.6924, 101.3542



47.8970, 50.3236, 56.4800



19.2732, 20.1525, 22.2593



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.



48.4109, 50.2516, 56.4390



85.8104, 88.5170, 100.8419



48.5593, 50.3399, 55.9118



10.2964, 10.5727, 12.1703



13.7246, 6.3614, 32.8974



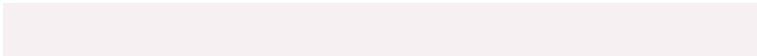
0.5941, 0.2783, 1.2913

Inverse Universe

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



48.3351, 50.2502, 54.7314



85.6156, 88.5145, 96.4089



48.1961, 51.4557, 54.9332



10.2679, 10.5725, 11.5152



14.4958, 7.4295, 2.6387



0.5951, 0.3019, 0.2468

Previews

White Background



This preview shows how the XYZ color 48.4095, 50.2494, 56.4379 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 48.4095, 50.2494, 56.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

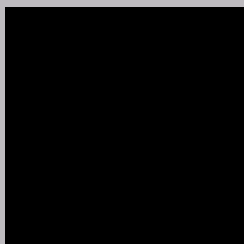
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4095, 50.2494, 56.4379

Background



This preview shows how black text looks on a background with the XYZ color 48.4095, 50.2494, 56.4379.



This preview shows how white text looks on a background with the XYZ color 48.4095, 50.2494,

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

48.4095, 50.2494, 56.4379

Protanopia

48.4095, 50.2494, 56.4379

Deuteranopia

51.1442, 50.0990, 56.8437



Tritanopia

49.4701, 50.3643, 61.7575

Trichromacy



Original Color

48.4095, 50.2494, 56.4379

Protanomaly

48.4095, 50.2494, 56.4379

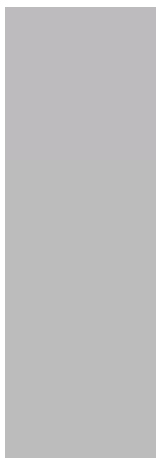
Deuteranomaly

50.2081, 50.2289, 56.9181

Tritanomaly

49.1228, 50.2254, 59.9287

Monochromacy



Original Color

48.4095, 50.2494, 56.4379

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1548, 50.4594, 55.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4095, 50.2494, 56.4379 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(190, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 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(190, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.4095, 50.2494, 56.4379 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(190, 187, 191) }
```


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

```
.border{ border-color:rgb(190, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4095, 50.2494, 56.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 191) }
```

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

```
.background{ background-color: rgb(190,  
187, 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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