

Converting Colors

XYZ(47.4691, 48.7723, 53.3556)

Have a look what the booklet for
XYZ(47.4691, 48.7723, 53.3556)
contains.

XYZ(47.4893, 48.9025, 53.3905)	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(47.4893, 48.9025,
53.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB8BA
RGB	191, 184, 186
RGB Percent	75%, 72%, 73%
CMY	0.2510, 0.2784, 0.2706
CMYK	0.00, 0.04, 0.03, 0.25
HSL	343°, 5%, 74%
HSV	343°, 4%, 75%
XYZ	47.4893, 48.9025, 53.3905
YIQ	186.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

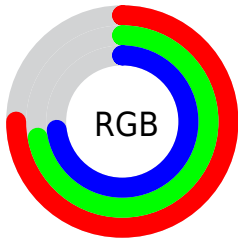
Format	Color
RYB	191, 184, 186
Decimal	12564666
CIELab	75.39, 2.83, -0.14
CIELCh	75, 2.833, 357.129
Yxy	48.9025, 0.3171, 0.3265
Android (android.graphics.Color)	4290754746 (0xFFBFB8BA)
YUV	186.3210, -0.1583, 4.1035
Hunter-Lab	69.9303, -1.1597, 3.6844

Details

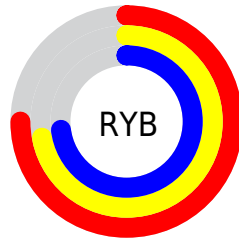
The XYZ color **47.4893, 48.9025, 53.3905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5852, 51.1274, 55.5073**, and the grayscale version is **46.8527, 49.2927, 53.6798**.

A 20% lighter version of the original color is **85.5449, 88.5051, 96.5789**, and **22.8312, 23.3293, 25.4900** is the 20% darker color. If you saturate the color by 10%, you get **42.4043, 40.9444, 44.8752**, and if you desaturate by 10%, it is **53.2514, 57.9917, 62.8167**.

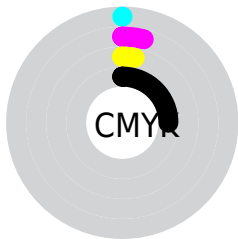
Distribution



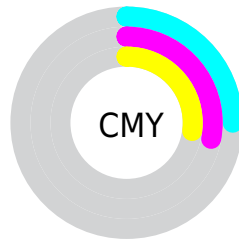
- Red (75%)
- Green (72%)
- Blue (73%)



- Red (75%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4893, 48.9025, 53.3905 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 47.4893, 48.9025, 53.3905 by changing the saturation by 10% instead.

■ 47.4893, 48.9025,
53.3905

■ 47.4893, 48.9025,
53.3905

367.3806,
382.3584, 416.8902

■ 33.6322, 34.5421,
37.7247

■ 85.6578, 88.5466,
96.6261

■ 22.7727, 23.3104,
25.4689

110.7000,
114.5992, 125.0330

■ 14.5456, 14.8229,
16.2046

140.2012,
145.3179, 158.5241

■ 8.5853, 8.6952,
9.5131

174.5268,
181.0873, 197.5178

■ 4.5266, 4.5429,
4.9760

214.0422,
222.2916, 242.4327

■ 2.0042, 1.9816,
2.1747

259.1128,

■ 0.6363, 0.5968,

269.3153, 293.6874

0.6597

310.1038,
322.5427, 351.7004

■ 0.0000, 0.0000,
0.0000

■ 47.4893, 48.9025,
53.3905

■ 47.4893, 48.9025,
53.3905

■ 42.4043, 40.9444,
44.8752

■ 53.2514, 57.9917,
62.8167

■ 37.9671, 34.0669,
37.2401

■ 59.7103, 68.2473,
73.1767

■ 34.1523, 28.2249,
30.4573

■ 66.8900, 79.7111,
84.4969

■ 30.9312, 23.3680,
24.4965

■ 73.0636, 88.9235,
96.2186

■ 28.2728, 19.4412,
19.3253

■ 75.1755, 89.7682,
107.3397

■ 26.1432, 16.3842,
14.9091

■ 75.2962, 89.8165,
107.9755

■ 24.5047, 14.1297,
11.2104

■ 23.3142, 12.6003,
8.1885

■ 22.5205, 11.7026,
5.7974

Harmonies

Analogous

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



47.3279, 48.9025, 54.8208



47.4893, 48.9025, 53.3905



47.3787, 48.9025, 51.9474

Triad

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



47.4893, 48.9025, 53.3905



46.0245, 48.9025, 50.7308



45.9381, 48.9025, 55.6957

Complementary

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



47.4893, 48.9025, 53.3905



47.5852, 51.1274, 55.5073

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.



45.5934, 48.9025, 54.5671



47.4893, 48.9025, 53.3905



45.6430, 48.9025, 51.7027

Square

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



47.4893, 48.9025, 53.3905



46.5306, 48.9025, 50.4289



45.4858, 48.9025, 53.1028



46.4301, 48.9025, 56.1672

Rectangle

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



47.4893, 48.9025, 53.3905



47.1661, 48.9025, 51.1689



45.4858, 48.9025, 53.1028



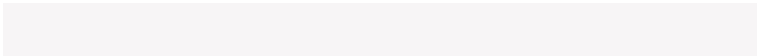
45.8013, 48.9025, 55.3796

Sweetspot

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



47.4907, 48.9046, 53.3916



87.6669, 91.6962, 99.9317



47.5076, 48.8508, 56.2162



19.2620, 20.1532, 21.9625



92.9021, 97.7402, 106.4391



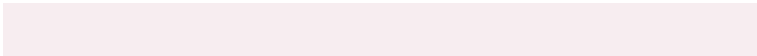
19.4759, 20.4902, 22.3138

Same Dimension

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



47.4907, 48.9046, 53.3916



84.6674, 86.9785, 94.9820



47.5720, 49.4046, 52.3786



10.1647, 10.4037, 11.3651



14.5961, 7.4696, 3.1670



0.6009, 0.3043, 0.2778

Inverse Universe

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



47.4907, 48.9046, 53.3916



84.6674, 86.9785, 94.9820



47.4997, 50.6073, 56.5557



10.1647, 10.4037, 11.3651



14.5961, 7.4696, 3.1670



0.6009, 0.3043, 0.2778

Previews

White Background



This preview shows how the XYZ color 47.4893, 48.9025, 53.3905 looks on a white background.

Color Contrast Check

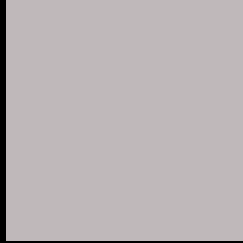
Large Text (above 18pt) WCAG AA × Fail

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 47.4893, 48.9025, 53.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

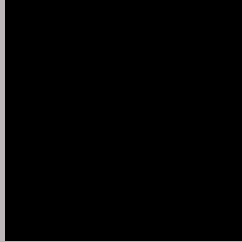
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

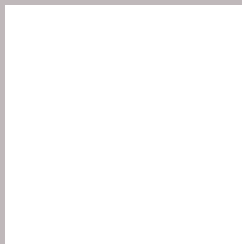
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4893, 48.9025, 53.3905

Background



This preview shows how black text looks on a background with the XYZ color 47.4893, 48.9025, 53.3905.

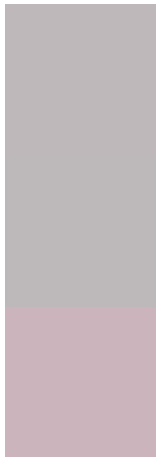


This preview shows how white text looks on a background with the XYZ color 47.4893, 48.9025,

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

47.4893, 48.9025, 53.3905

Protanopia

47.1982, 49.0619, 53.4367

Deuteranopia

49.9195, 48.9269, 53.8265



Tritanopia

48.7983, 48.8246, 59.6755

Trichromacy



Original Color

47.4893, 48.9025, 53.3905

Protanomaly

47.4471, 49.1902, 53.4483

Deuteranomaly

49.0467, 48.7777, 53.8437

Tritanomaly

48.2974, 48.9237, 57.3497

Monochromacy



Original Color

47.4893, 48.9025, 53.3905

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9509, 48.9345, 53.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4893, 48.9025, 53.3905 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(191, 184, 186) looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 186)  
}
```

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(191, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.4893, 48.9025, 53.3905 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(191, 184, 186) }
```


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

```
.border{ border-color:rgb(191, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4893, 48.9025, 53.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 186) }
```

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

```
.background{ background-color: rgb(191,  
184, 186) }
```

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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