

Converting Colors

XYZ(53.4015, 48.0891, 48.7134)

Have a look what the booklet for
XYZ(53.4015, 48.0891, 48.7134)
contains.

XYZ(53.3393, 48.1875, 48.6093)	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(53.3393, 48.1875,
48.6093)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ABB2
RGB	224, 171, 178
RGB Percent	88%, 67%, 70%
CMY	0.1216, 0.3294, 0.3020
CMYK	0.00, 0.24, 0.21, 0.12
HSL	352°, 46%, 77%
HSV	352°, 24%, 88%
XYZ	53.3393, 48.1875, 48.6093
YIQ	187.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

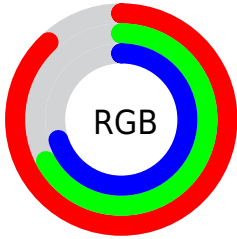
Format	Color
RYB	224, 171, 178
Decimal	14724018
CIELab	74.94, 20.42, 3.94
CIELCh	75, 20.801, 10.925
Yxy	48.1875, 0.3553, 0.3210
Android (android.graphics.Color)	4292914098 (0xFFE0ABB2)
YUV	187.6450, -4.7550, 31.8833
Hunter-Lab	69.4172, 15.6770, 7.0743

Details

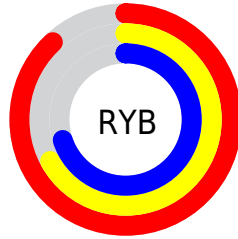
The XYZ color **53.3393, 48.1875, 48.6093** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9767, 66.9802, 75.6273**, and the grayscale version is **47.6142, 50.0939, 54.5522**.

A 20% lighter version of the original color is **83.5604, 82.1387, 89.2921**, and **26.3286, 22.7624, 22.4079** is the 20% darker color. If you saturate the color by 10%, you get **47.6455, 39.7055, 37.7529**, and if you desaturate by 10%, it is **60.0295, 58.2185, 61.1641**.

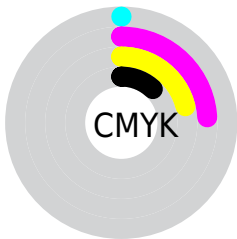
Distribution



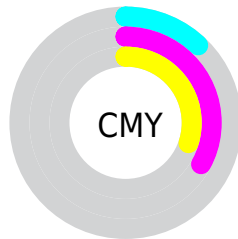
- Red (88%)
- Green (67%)
- Blue (70%)



- Red (88%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (12%)





- Cyan (12%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3393, 48.1875, 48.6093 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 53.3393, 48.1875, 48.6093 by changing the saturation by 10% instead.


 53.3393, 48.1875,
48.6093

 53.3393, 48.1875,
48.6093


389.8251,
379.5348, 397.7803

 38.3023, 33.9754,
33.9462


 94.2660, 87.4835,
89.4859

 26.3956, 22.8747,
22.5753


120.8865,
113.3362, 116.5365

 17.2541, 14.5010,
14.0779


152.0987,
143.8379, 148.5533

 10.5122, 8.4699,
8.0355

188.2682,
179.3729, 185.9550

 5.8047, 4.3971,
4.0296

229.7602,
220.3258, 229.1600

 2.7662, 1.8981,
1.6416

276.9401,

 1.0314, 0.5472,

267.0808, 278.5868

0.3202

330.1733,
320.0223, 334.6541

■ 0.0000, 0.0000,
0.0000

■ 53.3393, 48.1875,
48.6093

■ 53.3393, 48.1875,
48.6093

■ 47.6455, 39.7055,
37.7529

■ 60.0295, 58.2185,
61.1641

■ 42.8964, 32.6891,
28.5189

■ 67.7565, 69.8635,
75.4828

■ 39.0417, 27.0570,
20.8298

■ 76.5636, 83.1917,
91.6312

■ 36.0246, 22.7172,
14.6008

■ 84.5507, 94.5874,
108.4086

■ 33.7821, 19.5667,
9.7387

■ 32.2416, 17.4867,
6.1393

■ 31.3166, 16.3335,
3.6831

■ 30.9696, 15.9389,
2.6439

Harmonies

Analogous

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



53.0429, 48.1875, 59.5925



53.3393, 48.1875, 48.6093



51.5336, 48.1875, 39.9436

Triad

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



53.3393, 48.1875, 48.6093



41.1887, 48.1875, 38.2192



43.4590, 48.1875, 74.7804

Complementary

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



53.3393, 48.1875, 48.6093



55.9767, 66.9802, 75.6273

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.



40.5097, 48.1875, 67.3698



53.3393, 48.1875, 48.6093



39.2498, 48.1875, 45.9353

Square

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



53.3393, 48.1875, 48.6093



44.4328, 48.1875, 34.5197



39.0083, 48.1875, 56.5257



47.1965, 48.1875, 75.7576

Rectangle

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



53.3393, 48.1875, 48.6093



49.4362, 48.1875, 36.2523



39.0083, 48.1875, 56.5257



42.3481, 48.1875, 72.9156

Sweetspot

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



53.3406, 48.1897, 48.6103



87.2225, 88.1772, 94.4769



56.6144, 49.2515, 77.0441



18.5319, 18.6665, 19.9679



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.



53.3406, 48.1897, 48.6103



67.9260, 59.2264, 58.3186



56.6002, 55.8044, 46.3190



13.7805, 13.7298, 14.6144



18.0501, 9.2871, 1.6638



1.2753, 0.6534, 0.2426

Inverse Universe

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



53.3406, 48.1897, 48.6103



67.9260, 59.2264, 58.3186



51.9788, 57.4972, 78.8800



13.7805, 13.7298, 14.6144



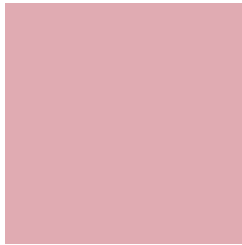
18.0501, 9.2871, 1.6638



1.2753, 0.6534, 0.2426

Previews

White Background



This preview shows how the XYZ color 53.3393, 48.1875, 48.6093 looks on a white background.

Color Contrast Check

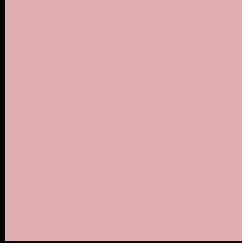
Large Text (above 18pt) WCAG AA × Fail

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 53.3393, 48.1875, 48.6093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

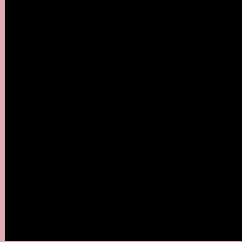
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3393, 48.1875, 48.6093

Background



This preview shows how black text looks on a background with the XYZ color 53.3393, 48.1875, 48.6093.



This preview shows how white text looks on a background with the XYZ color 53.3393, 48.1875,

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

53.3393, 48.1875, 48.6093

Protanopia

46.6365, 48.4751, 52.7976

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

53.9733, 48.1759, 51.2539

Trichromacy



Original Color

53.3393, 48.1875, 48.6093

Protanomaly

48.6510, 48.0351, 50.9635

Deuteranomaly

50.9017, 48.3711, 48.2487

Tritanomaly

53.7666, 48.0932, 50.1652

Monochromacy



Original Color

53.3393, 48.1875, 48.6093

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4671, 49.3341, 52.2626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3393, 48.1875, 48.6093 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(224, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 171, 178)  
}
```

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(224, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 171, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.3393, 48.1875, 48.6093 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(224, 171, 178) }
```


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

```
.border{ border-color:rgb(224, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 171,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3393, 48.1875, 48.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 171, 178) }
```

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

```
.background{ background-color: rgb(224,  
171, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor