

Converting Colors

XYZ(52.7441, 48.3130, 54.6895)

Have a look what the booklet for XYZ(52.7441, 48.3130, 54.6895) contains.

- XYZ(52.7441, 48.3130, 54.6895) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(52.7441, 48.3130,
54.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ADB8
RGB	217, 173, 189
RGB Percent	85%, 68%, 74%
CMY	0.1490, 0.3215, 0.2588
CMYK	0.00, 0.20, 0.13, 0.15
HSL	338°, 37%, 76%
HSV	338°, 20%, 85%
XYZ	52.7441, 48.3130, 54.6895
YIQ	187.9800, 21.0880, 14.3040

Conversions

Conversions Part 2

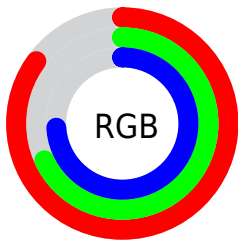
Format	Color
R _{YB}	217, 173, 189
Decimal	14265789
CIE Lab	75.02, 18.54, -2.05
CIE LCh	75, 18.657, 353.703
Yxy	48.3130, 0.3387, 0.3102
Android (android.graphics.Color)	4292455869 (0xFFD9ADB8)
YUV	187.9800, 0.5029, 25.4505
Hunter-Lab	69.5076, 13.8121, 2.0051

Details

The XYZ color **52.7441, 48.3130, 54.6895** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5910, 62.7281, 64.5972**, and the grayscale version is **47.7786, 50.2668, 54.7406**.

A 20% lighter version of the original color is **85.7407, 83.8912, 98.0598**, and **26.0607, 22.8919, 26.3376** is the 20% darker color. If you saturate the color by 10%, you get **47.4879, 40.0861, 45.8902**, and if you desaturate by 10%, it is **58.8216, 57.9529, 64.4680**.

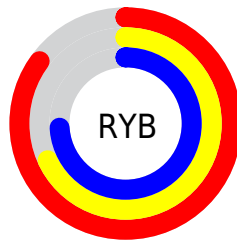
Distribution



Red (85%)

Green (68%)

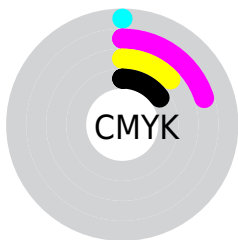
Blue (74%)



Red (85%)

Yellow (68%)

Blue (74%)

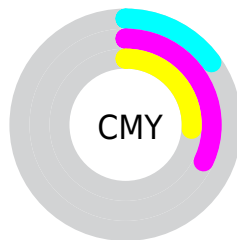


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7441, 48.3130, 54.6895 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 52.7441, 48.3130, 54.6895 by changing the saturation by 10% instead.


 52.7441, 48.3130,
54.6895

 52.7441, 48.3130,
54.6895


387.5795,
380.0314, 421.9826

 37.8252, 34.0748,
38.7563


 93.3955, 87.6702,
98.5525

 26.0236, 22.9511,
26.2638


119.8586,
113.5581, 127.3193

 16.9741, 14.5574,
16.7936


150.9005,
144.0980, 161.2010

 10.3112, 8.5094,
9.9270

186.8866,
179.6743, 200.6162

 5.6696, 4.4226,
5.2456

228.1822,
220.6714, 245.9834

 2.6840, 1.9126,
2.3308

275.1526,

 0.9889, 0.5560,

267.4737, 297.7212

0.7484

328.1633,
320.4656, 356.2481

■ 0.0000, 0.0000,
0.0000

■ 52.7441, 48.3130,
54.6895

■ 52.7441, 48.3130,
54.6895

■ 47.4879, 40.0861,
45.8902

■ 58.8216, 57.9529,
64.4680

■ 43.0123, 33.1989,
38.0354

■ 65.7506, 69.0617,
75.2529

■ 39.2793, 27.5815,
31.0924

■ 73.5644, 81.6998,
87.0739

■ 36.2460, 23.1547,
25.0254

■ 80.7415, 92.8182,
99.4414

■ 33.8645, 19.8307,
19.7960

■ 82.4254, 93.4918,
108.3092

■ 32.0810, 17.5089,
15.3623

■ 30.8317, 16.0705,
11.6776

■ 30.0230, 15.3148,
8.7511

Harmonies

Analogous

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



51.4048, 48.3130, 64.5109



52.7441, 48.3130, 54.6895



52.1834, 48.3130, 45.4174

Triad

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



52.7441, 48.3130, 54.6895



43.3367, 48.3130, 37.2280



42.1502, 48.3130, 69.2206

Complementary

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



52.7441, 48.3130, 54.6895



52.5910, 62.7281, 64.5972

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.



40.1791, 48.3130, 60.5127



52.7441, 48.3130, 54.6895



40.8400, 48.3130, 42.2616

Square

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



52.7441, 48.3130, 54.6895



46.6424, 48.3130, 36.0732



39.7116, 48.3130, 50.5735



45.2052, 48.3130, 73.5433

Rectangle

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



52.7441, 48.3130, 54.6895



50.8206, 48.3130, 40.6776



39.7116, 48.3130, 50.5735



41.3451, 48.3130, 66.6611

Sweetspot

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



52.7455, 48.3152, 54.6905



88.8334, 90.0123, 99.2888



51.5213, 47.2983, 72.0601



18.8751, 19.0439, 21.0349



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.



52.7455, 48.3152, 54.6905



72.8886, 64.7151, 73.6500



52.2531, 49.9578, 46.4267



13.2507, 13.1294, 14.5816



18.2206, 9.2893, 5.5418



1.2210, 0.6180, 0.5726

Inverse Universe

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



52.7455, 48.3152, 54.6905



72.8886, 64.7151, 73.6500



53.0869, 60.5501, 74.5354



13.2507, 13.1294, 14.5816



18.2206, 9.2893, 5.5418



1.2210, 0.6180, 0.5726

Previews

White Background



This preview shows how the XYZ color 52.7441, 48.3130, 54.6895 looks on a white background.

Color Contrast Check

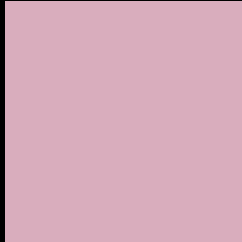
Large Text (above 18pt) WCAG AA × Fail

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 52.7441, 48.3130, 54.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

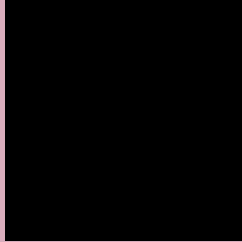
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7441, 48.3130, 54.6895

Background



This preview shows how black text looks on a background with the XYZ color 52.7441, 48.3130, 54.6895.



This preview shows how white text looks on a background with the XYZ color 52.7441, 48.3130,

54.6895.

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

52.7441, 48.3130, 54.6895

Protanopia

46.9984, 48.5354, 58.5209

Deuteranopia

49.2846, 48.2885, 54.3000



Tritanopia

52.5285, 48.2267, 53.5538

Trichromacy



Original Color

52.7441, 48.3130, 54.6895

Protanomaly

48.9729, 48.3631, 57.2059

Deuteranomaly

50.5314, 48.3405, 54.2443

Tritanomaly

52.6359, 48.2697, 54.1197

Monochromacy



Original Color

52.7441, 48.3130, 54.6895

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5638, 49.6399, 54.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7441, 48.3130, 54.6895 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(217, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 189)  
}
```

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(217, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.7441, 48.3130, 54.6895 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(217, 173, 189) }
```


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

```
.border{ border-color:rgb(217, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7441, 48.3130, 54.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 189) }
```

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

```
.background{ background-color: rgb(217,  
173, 189) }
```

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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