

Converting Colors

XYZ(50.3806, 49.7323, 55.8253)

Have a look what the booklet for
XYZ(50.3806, 49.7323, 55.8253)
contains.

XYZ(50.3793, 49.7302, 55.6588)	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(50.3793, 49.7302,
55.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB6BE
RGB	202, 182, 190
RGB Percent	79%, 71%, 75%
CMY	0.2078, 0.2863, 0.2549
CMYK	0.00, 0.10, 0.06, 0.21
HSL	336°, 16%, 75%
HSV	336°, 10%, 79%
XYZ	50.3793, 49.7302, 55.6588
YIQ	188.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

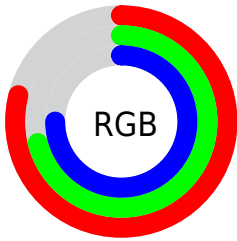
Format	Color
R_{YB}	202, 182, 190
Decimal	13285054
CIE _{Lab}	75.90, 8.51, -1.46
CIE _{LCh}	76, 8.635, 350.262
Yxy	49.7302, 0.3234, 0.3193
Android (android.graphics.Color)	4291475134 (0xFFCAB6BE)
YUV	188.8920, 0.5462, 11.4957
Hunter-Lab	70.5196, 4.1112, 2.5681

Details

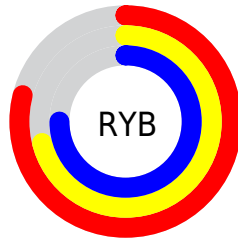
The XYZ color **50.3793, 49.7302, 55.6588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1514, 56.0824, 59.2234**, and the grayscale version is **48.3025, 50.8180, 55.3408**.

A 20% lighter version of the original color is **88.4491, 89.0629, 99.7179**, and **24.5784, 23.8026, 26.9658** is the 20% darker color. If you saturate the color by 10%, you get **45.2671, 41.5382, 47.6877**, and if you desaturate by 10%, it is **56.2013, 59.1642, 64.4114**.

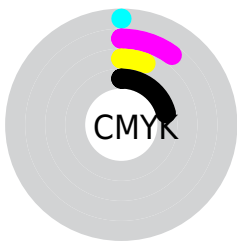
Distribution



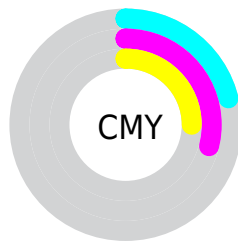
- Red (79%)
- Green (71%)
- Blue (75%)



- Red (79%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3793, 49.7302, 55.6588 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 50.3793, 49.7302, 55.6588 by changing the saturation by 10% instead.


 50.3793, 49.7302,
55.6588

 50.3793, 49.7302,
55.6588


378.5749,
385.6099, 425.7565

 35.9339, 35.1991,
39.5273

 89.9251, 89.7750,
99.9863

 24.5530, 23.8163,
26.8592


115.7562,
116.0575, 129.0194

 15.8713, 15.1974,
17.2360


146.1132,
147.0258, 163.1901

 9.5234, 8.9580,
10.2392

181.3615,
183.0645, 202.9170

 5.1440, 4.7138,
5.4501

221.8665,
224.5578, 248.6185

 2.3676, 2.0803,
2.4504

267.9935,

 0.8289, 0.6535,

271.8902, 300.7132

0.8137

320.1078,
325.4461, 359.6197

■ 0.0000, 0.0000,
0.0000

■ 50.3793, 49.7302,
55.6588

■ 50.3793, 49.7302,
55.6588

■ 45.2671, 41.5382,
47.6877

■ 56.2013, 59.1642,
64.4114

■ 40.8323, 34.5295,
40.4724

■ 62.7554, 69.8823,
73.9640

■ 37.0464, 28.6509,
33.9902

■ 70.0679, 81.9330,
84.3380

■ 33.8769, 23.8422,
28.2162

■ 75.6220, 90.2786,
94.7066

■ 31.2886, 20.0376,
23.1238

■ 77.4688, 91.0173,
104.4315

■ 29.2424, 17.1640,
18.6842

■ 78.1673, 91.2967,
108.1099

■ 27.6940, 15.1383,
14.8664

■ 26.5915, 13.8621,
11.6356

■ 25.8411, 13.1537,
8.9422

Harmonies

Analogous

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



49.6839, 49.7302, 60.0060



50.3793, 49.7302, 55.6588



50.2263, 49.7302, 51.1396

Triad

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



50.3793, 49.7302, 55.6588



46.2047, 49.7302, 46.2608



45.3186, 49.7302, 61.2439

Complementary

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



50.3793, 49.7302, 55.6588



50.1514, 56.0824, 59.2234

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.



44.4264, 49.7302, 57.2715



50.3793, 49.7302, 55.6588



44.9299, 49.7302, 48.6837

Square

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



50.3793, 49.7302, 55.6588



47.7918, 49.7302, 45.8835



44.2857, 49.7302, 52.6643



46.7462, 49.7302, 63.3491

Rectangle

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



50.3793, 49.7302, 55.6588



49.6651, 49.7302, 48.6259



44.2857, 49.7302, 52.6643



44.9475, 49.7302, 60.0725

Sweetspot

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



50.3807, 49.7324, 55.6599



91.9275, 94.9236, 104.2563



49.6385, 49.1919, 62.7564



19.5018, 20.0344, 22.0540



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.



50.3807, 49.7324, 55.6599



83.2363, 80.8798, 91.0672



49.9428, 50.2172, 51.3193



11.3951, 11.2868, 12.6151



16.6653, 8.4767, 5.9559



0.8969, 0.4522, 0.5031

Inverse Universe

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



50.3807, 49.7324, 55.6599



83.2363, 80.8798, 91.0672



50.6079, 55.5191, 63.9266



11.3951, 11.2868, 12.6151



16.6653, 8.4767, 5.9559



0.8969, 0.4522, 0.5031

Previews

White Background



This preview shows how the XYZ color 50.3793, 49.7302, 55.6588 looks on a white background.

Color Contrast Check

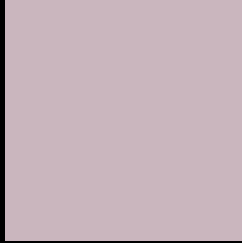
Large Text (above 18pt) WCAG AA × Fail

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 50.3793, 49.7302, 55.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

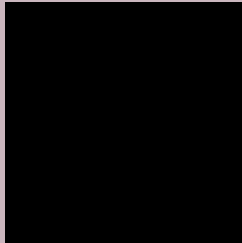
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3793, 49.7302, 55.6588

Background



This preview shows how black text looks on a background with the XYZ color 50.3793, 49.7302, 55.6588.



This preview shows how white text looks on a background with the XYZ color 50.3793, 49.7302,

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

50.3793, 49.7302, 55.6588

Protanopia

48.0596, 49.7424, 56.9374

Deuteranopia

50.7200, 49.6028, 55.6163



Tritanopia

51.0028, 49.6844, 58.5317

Trichromacy



Original Color

50.3793, 49.7302, 55.6588

Protanomaly

49.0011, 49.9288, 56.3448

Deuteranomaly

50.4467, 49.4620, 55.6035

Tritanomaly

50.7781, 49.5945, 57.3485

Monochromacy



Original Color

50.3793, 49.7302, 55.6588

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9923, 50.2613, 55.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3793, 49.7302, 55.6588 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(202, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 182, 190)  
}
```

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(202, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.3793, 49.7302, 55.6588 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(202, 182, 190) }
```


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

```
.border{ border-color:rgb(202, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3793, 49.7302, 55.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 182, 190) }
```

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

```
.background{ background-color: rgb(202,  
182, 190) }
```

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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