

Converting Colors

XYZ(53.5678, 53.0447, 50.0810)

Have a look what the booklet for
XYZ(53.5678, 53.0447, 50.0810)
contains.

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Color

**XYZ(53.6386, 53.0915,
50.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BBB3
RGB	214, 187, 179
RGB Percent	84%, 73%, 70%
CMY	0.1608, 0.2666, 0.2980
CMYK	0.00, 0.13, 0.16, 0.16
HSL	14°, 30%, 77%
HSV	14°, 16%, 84%
XYZ	53.6386, 53.0915, 50.0684
YIQ	194.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

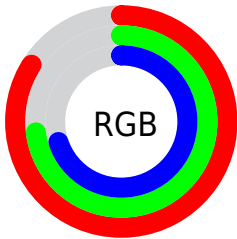
Format	Color
RYB	214, 189, 179
Decimal	14072755
CIELab	77.93, 8.32, 7.58
CIELCh	78, 11.255, 42.308
Yxy	53.0915, 0.3421, 0.3386
Android (android.graphics.Color)	4292262835 (0xFFD6BBB3)
YUV	194.1610, -7.4744, 17.3988
Hunter-Lab	72.8639, 3.8905, 10.2636

Details

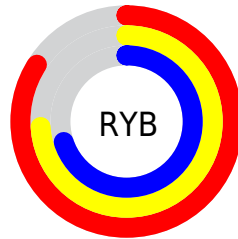
The XYZ color **53.6386, 53.0915, 50.0684** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7989, 58.5800, 72.1431**, and the grayscale version is **51.4098, 54.0872, 58.9009**.

A 20% lighter version of the original color is **88.2860, 91.3593, 91.5782**, and **26.5891, 25.9275, 23.3418** is the 20% darker color. If you saturate the color by 10%, you get **48.3375, 45.6881, 38.4391**, and if you desaturate by 10%, it is **59.6810, 61.4390, 63.6032**.

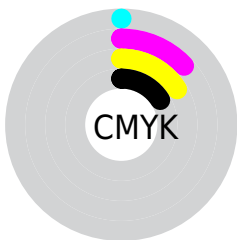
Distribution



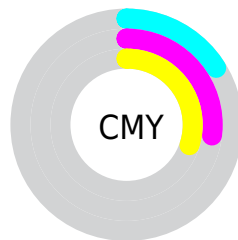
- Red (84%)
- Green (73%)
- Blue (70%)



- Red (84%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6386, 53.0915, 50.0684 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 53.6386, 53.0915, 50.0684 by changing the saturation by 10% instead.

■ 53.6386, 53.0915,
50.0684

■ 53.6386, 53.0915,
50.0684

390.9513,
398.6361, 403.6761

■ 38.5423, 37.8758,
35.0962

■ 94.7034, 94.7390,
91.6736

■ 26.5830, 25.8863,
23.4528

121.4027,
121.9396, 119.1436

■ 17.3952, 16.7386,
14.7198

152.7003,
153.9040, 151.6166

■ 10.6137, 10.0483,
8.4785

188.9616,
191.0165, 189.5112

■ 5.8731, 5.4310,
4.3105

230.5520,
233.6616, 233.2460

■ 2.8080, 2.5023,
1.7972

277.8368,

■ 1.0531, 0.8778,

282.2236, 283.2393

0.4261

331.1815,
337.0870, 339.9098

■ 0.0000, 0.0000,
0.0000

■ 53.6386, 53.0915,
50.0684

■ 53.6386, 53.0915,
50.0684

■ 48.3375, 45.6881,
38.4391

■ 59.6810, 61.4390,
63.6032

■ 43.7445, 39.1885,
28.6261

■ 66.4878, 70.7552,
79.1206

■ 39.8299, 33.5596,
20.5381

■ 74.0864, 81.0724,
96.6974

■ 36.5604, 28.7638,
14.0743

■ 80.9165, 91.7856,
108.0594

■ 33.8997, 24.7606,
9.1236

■ 81.5418, 93.0363,
108.2678

■ 31.8077, 21.5061,
5.5607

■ 30.2388, 18.9515,
3.2397

■ 29.1386, 17.0416,
1.9776

■ 28.8276, 16.4878,
1.6631

Harmonies

Analogous

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



54.6863, 53.0915, 55.2763



53.6386, 53.0915, 50.0684



51.7517, 53.0915, 47.0685

Triad

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



53.6386, 53.0915, 50.0684



46.5577, 53.0915, 54.2216



51.3643, 53.0915, 70.4009

Complementary

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



53.6386, 53.0915, 50.0684



52.7989, 58.5800, 72.1431

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.



49.1937, 53.0915, 70.0673



53.6386, 53.0915, 50.0684



46.4608, 53.0915, 60.4151

Square

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



53.6386, 53.0915, 50.0684



47.6818, 53.0915, 49.3445



47.4131, 53.0915, 66.3059



53.3480, 53.0915, 67.1870

Rectangle

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



53.6386, 53.0915, 50.0684



50.2926, 53.0915, 46.5817



47.4131, 53.0915, 66.3059



50.6315, 53.0915, 70.7061

Sweetspot

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



53.6401, 53.0939, 50.0695



90.0072, 93.0910, 97.4259



55.0435, 51.0135, 65.6043



19.1186, 19.7238, 20.5210



0.0000, 0.0000, 0.0000



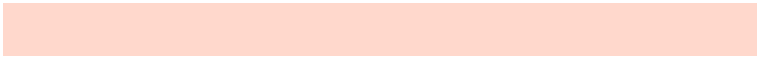
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6401, 53.0939, 50.0695



76.6087, 74.5589, 67.4803



57.4815, 60.7768, 51.3500



12.6514, 12.8770, 12.9794



17.4898, 10.0968, 1.0271



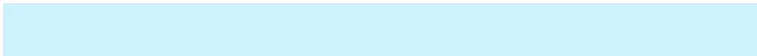
1.1186, 0.7364, 0.0832

Inverse Universe

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



52.7989, 58.5800, 72.1431



75.1033, 84.3604, 106.9326



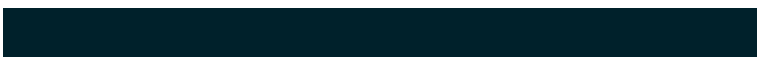
48.9083, 50.7988, 70.8463



12.5402, 13.6038, 15.9024



15.5577, 19.3771, 41.3733



0.9985, 1.2891, 2.5155

Previews

White Background



This preview shows how the XYZ color 53.6386, 53.0915, 50.0684 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 53.6386, 53.0915, 50.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

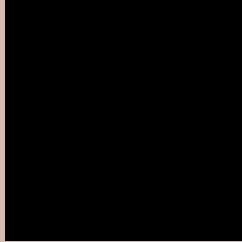
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6386, 53.0915, 50.0684

Background



This preview shows how black text looks on a background with the XYZ color 53.6386, 53.0915, 50.0684.



This preview shows how white text looks on a background with the XYZ color 53.6386, 53.0915,

50.0684.

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

53.6386, 53.0915, 50.0684

Protanopia

50.8463, 53.2188, 51.8483

Deuteranopia

54.0145, 52.9714, 50.0255



Tritanopia

55.6524, 52.9571, 60.7146

Trichromacy



Original Color

53.6386, 53.0915, 50.0684

Protanomaly

51.6558, 53.0005, 51.2236

Deuteranomaly

53.7199, 52.8196, 50.0117

Tritanomaly

54.7773, 52.9066, 56.6151

Monochromacy



Original Color

53.6386, 53.0915, 50.0684

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9035, 53.3532, 55.7067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6386, 53.0915, 50.0684 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(214, 187, 179) looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 179)  
}
```

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(214, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.6386, 53.0915, 50.0684 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(214, 187, 179) }
```


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

```
.border{ border-color:rgb(214, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6386, 53.0915, 50.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 179) }
```

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

```
.background{ background-color: rgb(214,  
187, 179) }
```

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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