

Converting Colors

XYZ(53.7770, 52.5950, 33.3041)

Have a look what the booklet for
XYZ(53.7770, 52.5950, 33.3041)
contains.

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Color

**XYZ(53.7770, 52.5950,
33.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B88F
RGB	227, 184, 143
RGB Percent	89%, 72%, 56%
CMY	0.1098, 0.2784, 0.4392
CMYK	0.00, 0.19, 0.37, 0.11
HSL	29°, 60%, 73%
HSV	29°, 37%, 89%
XYZ	53.7770, 52.5950, 33.3041
YIQ	192.1830, 38.7890, -3.6350

Conversions

Conversions Part 2

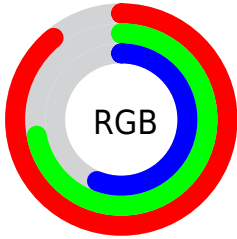
Format	Color
R _Y B	227, 223, 143
Decimal	14923919
CIE Lab	77.64, 9.94, 26.69
CIE LCh	78, 28.479, 69.562
Yxy	52.5950, 0.3850, 0.3765
Android (android.graphics.Color)	4293113999 (0xFFE3B88F)
YUV	192.1830, -24.2472, 30.5345
Hunter-Lab	72.5224, 5.4476, 23.5382

Details

The XYZ color **53.7770, 52.5950, 33.3041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.7513, 46.5021, 79.3958**, and the grayscale version is **50.3323, 52.9535, 57.6664**.

A 20% lighter version of the original color is **82.4781, 87.6114, 65.3870**, and **26.6256, 25.5514, 13.6538** is the 20% darker color. If you saturate the color by 10%, you get **49.9133, 47.3468, 24.3736**, and if you desaturate by 10%, it is **58.1896, 58.3839, 44.1354**.

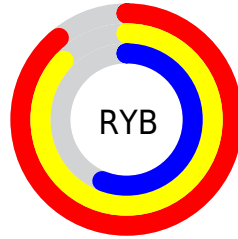
Distribution



Red (89%)

Green (72%)

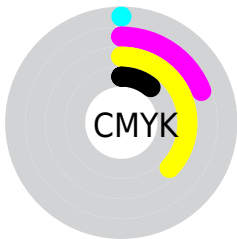
Blue (56%)



Red (89%)

Yellow (87%)

Blue (56%)

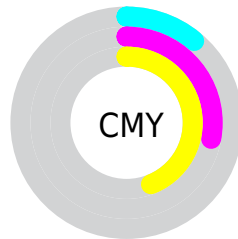


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7770, 52.5950, 33.3041 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 53.7770, 52.5950, 33.3041 by changing the saturation by 10% instead.

 53.7770, 52.5950,
33.3041


 53.7770, 52.5950,
33.3041


391.4713,
396.7294, 331.6917

 38.6534, 37.4796,
22.0865

 94.9056, 94.0081,
65.9715

 26.6697, 25.5790,
13.7215


 121.6412,
121.0746, 88.2583

 17.4606, 16.5090,
7.7907


152.9782,
152.8936, 115.0720

 10.6608, 9.8850,
3.8755

189.2819,
189.8494, 146.8311

 5.9048, 5.3228,
1.5573

230.9178,
232.3265, 183.9540

 2.8274, 2.4379,
0.2601

278.2510,

 1.0632, 0.8453,

280.7093, 226.8594

0.0000

331.6471,
335.3821, 275.9658

■ 0.0000, 0.0000,
0.0000

■ 53.7770, 52.5950,
33.3041

■ 53.7770, 52.5950,
33.3041

■ 49.9133, 47.3468,
24.3736

■ 58.1896, 58.3839,
44.1354

■ 46.5688, 42.6139,
17.2278

■ 63.1710, 64.7229,
56.9676

■ 43.7162, 38.3795,
11.7429

■ 68.7449, 71.6306,
71.8977

■ 41.3242, 34.6230,
7.7775

■ 74.9325, 79.1221,
89.0154

■ 39.3561, 31.3210,
5.1665

■ 81.5107, 87.1151,
107.1266

■ 37.7662, 28.4464,
3.6955

■ 85.0815, 94.2567,
108.3168

■ 37.3424, 27.6585,
3.3705

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



58.5999, 52.5950, 40.0521



53.7770, 52.5950, 33.3041



48.2527, 52.5950, 32.2789

Triad

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



53.7770, 52.5950, 33.3041



40.2641, 52.5950, 62.4502



57.0372, 52.5950, 83.9528

Complementary

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



53.7770, 52.5950, 33.3041



42.7513, 46.5021, 79.3958

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.



51.7685, 52.5950, 92.6523



53.7770, 52.5950, 33.3041



42.2676, 52.5950, 78.8193

Square

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



53.7770, 52.5950, 33.3041



40.7152, 52.5950, 47.3227



46.3850, 52.5950, 90.6184



60.5760, 52.5950, 68.5152

Rectangle

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



53.7770, 52.5950, 33.3041



44.9488, 52.5950, 34.7438



46.3850, 52.5950, 90.6184



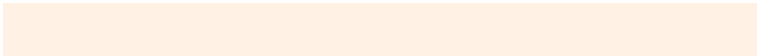
55.3946, 52.5950, 87.8799

Sweetspot

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



53.7783, 52.5975, 33.3052



86.4478, 89.5025, 85.3563



50.4070, 39.5386, 51.6531



18.2909, 18.8940, 17.7002



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.



53.7783, 52.5975, 33.3052



66.2788, 63.4292, 34.6570



63.7245, 72.4897, 36.6205



14.9549, 15.5237, 15.1126



21.8942, 16.3625, 2.0043



1.7106, 1.3946, 0.1790

Inverse Universe

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



42.7513, 46.5021, 79.3958



50.0506, 54.4567, 102.4810



35.2273, 31.4543, 76.8878



14.1897, 15.1009, 18.3112



11.8586, 10.7792, 43.8388



0.9693, 0.9824, 3.2705

Previews

White Background



This preview shows how the XYZ color 53.7770, 52.5950, 33.3041 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 53.7770, 52.5950, 33.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

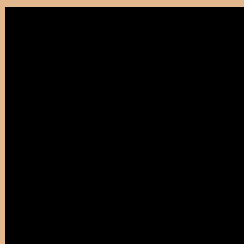
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7770, 52.5950, 33.3041

Background



This preview shows how black text looks on a background with the XYZ color 53.7770, 52.5950, 33.3041.



This preview shows how white text looks on a background with the XYZ color 53.7770, 52.5950,

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

53.7770, 52.5950, 33.3041

Protanopia

49.2148, 52.7537, 34.7827

Deuteranopia

53.7770, 52.5950, 33.3041



Tritanopia

58.4048, 52.3617, 56.3188

Trichromacy



Original Color

53.7770, 52.5950, 33.3041

Protanomaly

50.7490, 52.5857, 34.2634

Deuteranomaly

53.7770, 52.5950, 33.3041

Tritanomaly

56.5944, 52.5215, 47.1992

Monochromacy



Original Color

53.7770, 52.5950, 33.3041

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0144, 52.4303, 47.4757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7770, 52.5950, 33.3041 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(227, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 143)  
}
```

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(227, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.7770, 52.5950, 33.3041 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(227, 184, 143) }
```


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

```
.border{ border-color:rgb(227, 184, 143) }
```

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

Here you see how a box with a 4 pixel rgb(227, 184, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7770, 52.5950, 33.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 143) }
```

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

```
.background{ background-color: rgb(227,  
184, 143) }
```

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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