

Converting Colors

XYZ(53.0909, 57.3333, 37.0750)

Have a look what the booklet for
XYZ(53.0909, 57.3333, 37.0750)
contains.

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Color

**XYZ(53.0233, 57.3594,
37.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C896
RGB	211, 200, 150
RGB Percent	83%, 78%, 59%
CMY	0.1725, 0.2157, 0.4118
CMYK	0.00, 0.05, 0.29, 0.17
HSL	49°, 41%, 71%
HSV	49°, 29%, 83%
XYZ	53.0233, 57.3594, 37.1310
YIQ	197.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

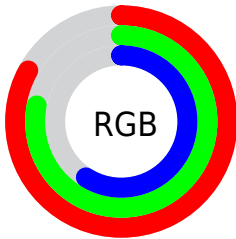
Format	Color
RYB	163, 211, 150
Decimal	13879446
CIELab	80.38, -3.83, 26.44
CIELCh	80, 26.721, 98.247
Yxy	57.3594, 0.3594, 0.3888
Android (android.graphics.Color)	4292069526 (0xFFD3C896)
YUV	197.5890, -23.4614, 11.7614
Hunter-Lab	75.7360, -7.5689, 23.9471

Details

The XYZ color **53.0233, 57.3594, 37.1310** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0803, 36.6761, 66.7532**, and the grayscale version is **53.5565, 56.3456, 61.3603**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **26.2413, 28.5265, 15.9275** is the 20% darker color. If you saturate the color by 10%, you get **50.6055, 55.0023, 28.6840**, and if you desaturate by 10%, it is **55.7719, 59.8879, 47.1990**.

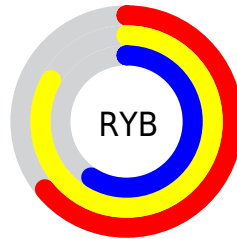
Distribution



Red (83%)

Green (78%)

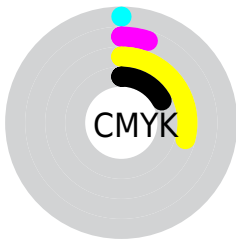
Blue (59%)



Red (64%)

Yellow (83%)

Blue (59%)

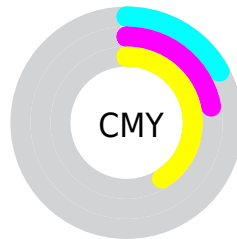


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0233, 57.3594, 37.1310 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 53.0233, 57.3594, 37.1310 by changing the saturation by 10% instead.

■ 53.0233, 57.3594,
37.1310

■ 53.0233, 57.3594,
37.1310

388.6339,
414.7947, 349.0631

■ 38.0489, 41.2939,
25.0124

■ 93.8040, 100.9894,
71.9628

■ 26.1980, 28.5488,
15.8672

■ 120.3410,
129.3227, 95.5130

■ 17.1053, 18.7397,
9.2769

151.4629,
162.5140, 123.7109

■ 10.4054, 11.4824,
4.8229

187.5351,
200.9477, 156.9748

■ 5.7329, 6.3923,
2.0868

228.9230,
245.0082, 195.7235

■ 2.7224, 3.0850,
0.6079

275.9918,

■ 1.0087, 1.1763,

295.0800, 240.3754

0.0000

329.1070,
351.5473, 291.3491

■ 0.0000, 0.0422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0233, 57.3594,
37.1310

■ 53.0233, 57.3594,
37.1310

■ 50.6055, 55.0023,
28.6840

■ 55.7719, 59.8879,
47.1990

■ 48.4976, 52.8019,
21.7678

■ 58.8623, 62.5865,
58.9646

■ 46.6829, 50.7534,
16.2890

■ 62.3103, 65.4636,
72.5036

■ 45.1412, 48.8485,
12.1424

■ 66.1294, 68.5250,
87.8863

■ 43.8497, 47.0776,
9.2084

■ 70.2514, 71.7435,
104.7530

■ 42.7815, 45.4298,
7.3459

■ 71.2552, 73.7511,
105.0876

■ 41.8936, 43.8877,
6.3292

■ 72.2818, 75.8043,
105.4298

■ 41.8013, 43.7233,
6.2363

■ 73.3314, 77.9035,
105.7796

■ 74.4041, 80.0489,
106.1372

Harmonies

Analogous

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



58.5109, 57.3594, 38.4428



53.0233, 57.3594, 37.1310



48.2618, 57.3594, 41.6555

Triad

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



53.0233, 57.3594, 37.1310



46.6668, 57.3594, 83.0239



64.8846, 57.3594, 74.2992

Complementary

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



53.0233, 57.3594, 37.1310



37.0803, 36.6761, 66.7532

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.



61.2936, 57.3594, 89.2300



53.0233, 57.3594, 37.1310



50.7118, 57.3594, 94.8251

Square

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



53.0233, 57.3594, 37.1310



44.7558, 57.3594, 66.8767



56.0413, 57.3594, 97.2684



65.6064, 57.3594, 58.2320

Rectangle

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



53.0233, 57.3594, 37.1310



46.0533, 57.3594, 47.9031



56.0413, 57.3594, 97.2684



63.9620, 57.3594, 79.6897

Sweetspot

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



53.0248, 57.3620, 37.1322



90.2670, 95.9979, 90.1530



44.2201, 38.2420, 38.8546



19.1646, 20.4136, 18.6935



0.0000, 0.0000, 0.0000



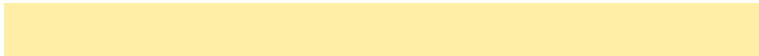
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0248, 57.3620, 37.1322



78.9408, 85.6857, 48.3346



50.4579, 59.9561, 37.7682



12.6147, 13.4200, 12.5375



25.2956, 26.5242, 3.7865



1.4628, 1.5799, 0.2279

Inverse Universe

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



37.0803, 36.6761, 66.7532



50.4183, 48.6895, 101.3484



39.0951, 34.9867, 66.3209



11.3336, 11.7574, 14.9157



7.5687, 3.7840, 37.5240



0.4766, 0.3184, 2.1159

Previews

White Background



This preview shows how the XYZ color 53.0233, 57.3594, 37.1310 looks on a white background.

Color Contrast Check

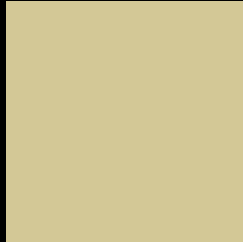
Large Text (above 18pt) WCAG AA × Fail

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 53.0233, 57.3594, 37.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

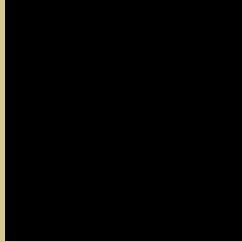
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

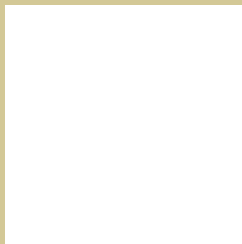
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0233, 57.3594, 37.1310

Background



This preview shows how black text looks on a background with the XYZ color 53.0233, 57.3594, 37.1310.



This preview shows how white text looks on a background with the XYZ color 53.0233, 57.3594,

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

53.0233, 57.3594, 37.1310

Protanopia

53.6600, 57.3450, 37.0947

Deuteranopia

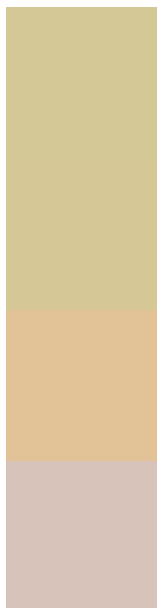
58.2300, 57.0210, 37.6429



Tritanopia

59.0256, 57.1097, 66.9438

Trichromacy



Original Color

53.0233, 57.3594, 37.1310

Protanomaly

53.3690, 57.1950, 37.0810

Deuteranomaly

56.2417, 56.9867, 37.3134

Tritanomaly

56.4024, 57.0225, 54.4881

Monochromacy



Original Color

53.0233, 57.3594, 37.1310

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3925, 56.8796, 51.8808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0233, 57.3594, 37.1310 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(211, 200, 150)` looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 150)  
}
```

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(211, 200, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 150) }
```

Border

The CSS property to change the border of an element to XYZ 53.0233, 57.3594, 37.1310 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(211, 200, 150) }
```


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

```
.border{ border-color:rgb(211, 200, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 150);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0233, 57.3594, 37.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 150) }
```

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

```
.background{ background-color: rgb(211,  
200, 150) }
```

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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