

Converting Colors

XYZ(53.5315, 57.2599, 37.9366)

Have a look what the booklet for
XYZ(53.5315, 57.2599, 37.9366)
contains.

XYZ(53.5315, 57.2600, 37.9366)	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(53.5315, 57.2600,
37.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C798
RGB	213, 199, 152
RGB Percent	84%, 78%, 60%
CMY	0.1647, 0.2196, 0.4039
CMYK	0.00, 0.07, 0.29, 0.16
HSL	46°, 42%, 72%
HSV	46°, 29%, 84%
XYZ	53.5315, 57.2600, 37.9366
YIQ	197.8280, 23.4310, -11.6490

Conversions

Conversions Part 2

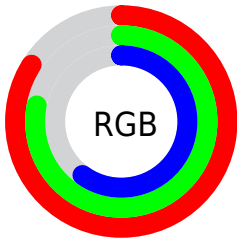
Format	Color
RYB	170, 213, 152
Decimal	14010264
CIELab	80.33, -2.28, 25.35
CIELCh	80, 25.448, 95.145
Yxy	57.2600, 0.3599, 0.3850
Android (android.graphics.Color)	4292200344 (0xFFD5C798)
YUV	197.8280, -22.5932, 13.3058
Hunter-Lab	75.6703, -6.1468, 23.2448

Details

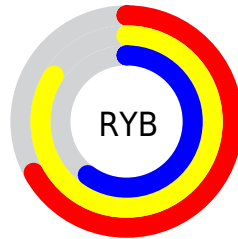
The XYZ color **53.5315, 57.2600, 37.9366** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5951, 38.7508, 68.3964**, and the grayscale version is **53.6962, 56.4926, 61.5204**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **26.5749, 28.4595, 16.4045** is the 20% darker color. If you saturate the color by 10%, you get **50.8354, 54.4132, 29.1904**, and if you desaturate by 10%, it is **56.5800, 60.3096, 48.3472**.

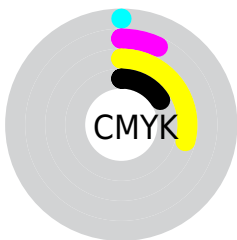
Distribution



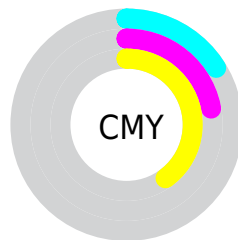
- Red (84%)
- Green (78%)
- Blue (60%)



- Red (67%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5315, 57.2600, 37.9366 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 53.5315, 57.2600, 37.9366 by changing the saturation by 10% instead.

■ 53.5315, 57.2600,
37.9366

■ 53.5315, 57.2600,
37.9366

390.5485,
414.4228, 352.6380

■ 38.4564, 41.2140,
25.6320

■ 94.5469, 100.8445,
73.2133

■ 26.5159, 28.4864,
16.3253

■ 121.2180,
129.1517, 97.0225

■ 17.3447, 18.6926,
9.5978

152.4851,
162.3149, 125.5037

■ 10.5774, 11.4484,
5.0310

188.7136,
200.7183, 159.0754

■ 5.8486, 6.3693,
2.2064

230.2688,
244.7465, 198.1561

■ 2.7930, 3.0709,
0.6781

277.5161,

■ 1.0453, 1.1689,

294.7837, 243.1644

0.0000

330.8209,
351.2143, 294.5188

■ 0.0000, 0.0360,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5315, 57.2600,
37.9366

■ 53.5315, 57.2600,
37.9366

■ 50.8354, 54.4132,
29.1904

■ 56.5800, 60.3096,
48.3472

■ 48.4701, 51.7540,
22.0165

■ 59.9923, 63.5609,
60.5006

■ 46.4186, 49.2769,
16.3195

■ 63.7847, 67.0232,
74.4742

■ 44.6599, 46.9732,
11.9919

■ 67.9712, 70.7024,
90.3399

■ 43.1707, 44.8329,
8.9118

■ 71.9959, 74.3768,
105.1693

■ 41.9233, 42.8443,
6.9354

■ 73.3239, 77.0328,
105.6120

■ 40.8752, 40.9899,
5.8408

■ 74.6900, 79.7648,
106.0673

■ 40.7397, 40.7444,
5.7172

■ 76.0943, 82.5736,
106.5354

■ 77.5373, 85.4595,
107.0164

Harmonies

Analogous

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



58.7395, 57.2600, 39.7893



53.5315, 57.2600, 37.9366



48.8642, 57.2600, 41.7249

Triad

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



53.5315, 57.2600, 37.9366



46.6443, 57.2600, 80.3422



64.0185, 57.2600, 75.1856

Complementary

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



53.5315, 57.2600, 37.9366



38.5951, 38.7508, 68.3964

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.



60.3901, 57.2600, 88.8406



53.5315, 57.2600, 37.9366



50.3250, 57.2600, 92.1348

Square

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



53.5315, 57.2600, 37.9366



45.0531, 57.2600, 64.9518



55.3262, 57.2600, 95.4687



65.0116, 57.2600, 59.8117

Rectangle

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



53.5315, 57.2600, 37.9366



46.6181, 57.2600, 47.3596



55.3262, 57.2600, 95.4687



63.0557, 57.2600, 80.2020

Sweetspot

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



53.5330, 57.2626, 37.9378



89.9158, 95.2954, 90.0360



45.5737, 39.3650, 41.3856



19.0776, 20.2397, 18.6645



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.



53.5330, 57.2626, 37.9378



78.0753, 83.5772, 49.2095



52.4183, 61.6901, 38.8511



13.2200, 14.0143, 13.1690



24.9661, 25.0494, 3.5192



1.5661, 1.6315, 0.2324

Inverse Universe

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



38.5951, 38.7508, 68.3964



52.2865, 51.6261, 101.8168



39.4444, 35.6154, 67.7465



11.9715, 12.4664, 15.7128



8.0684, 4.3986, 38.8769



0.5504, 0.3929, 2.3661

Previews

White Background



This preview shows how the XYZ color 53.5315, 57.2600, 37.9366 looks on a white background.

Color Contrast Check

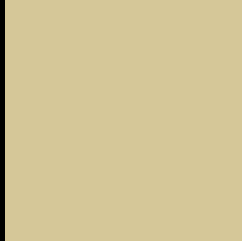
Large Text (above 18pt) WCAG AA × Fail

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 53.5315, 57.2600, 37.9366 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 53.5315, 57.2600, 37.9366

Background



This preview shows how black text looks on a background with the XYZ color 53.5315, 57.2600, 37.9366.



This preview shows how white text looks on a background with the XYZ color 53.5315, 57.2600,

37.9366.

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

53.5315, 57.2600, 37.9366

Protanopia

53.5315, 57.2600, 37.9366

Deuteranopia

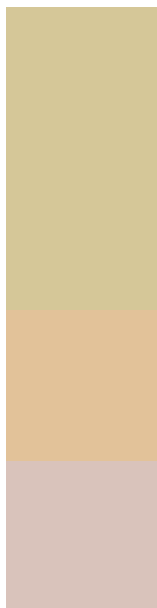
58.3952, 57.0871, 38.5130



Tritanopia

59.6273, 57.4199, 66.9719

Trichromacy



Original Color

53.5315, 57.2600, 37.9366

Protanomaly

53.5315, 57.2600, 37.9366

Deuteranomaly

56.4056, 57.0522, 38.1763

Tritanomaly

57.1000, 57.3698, 55.0777

Monochromacy



Original Color

53.5315, 57.2600, 37.9366

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1632, 56.4209, 51.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5315, 57.2600, 37.9366 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(213, 199, 152) looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 152)  
}
```

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(213, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 152) }
```

Border

The CSS property to change the border of an element to XYZ 53.5315, 57.2600, 37.9366 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(213, 199, 152) }
```


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

```
.border{ border-color:rgb(213, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 199, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 199, 152); box-shadow:4px 4px 4px 4px rgb(213, 199, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5315, 57.2600, 37.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 152) }
```

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

```
.background{ background-color: rgb(213,  
199, 152) }
```

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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