

Converting Colors

XYZ(50.4352, 53.8252, 36.5287)

Have a look what the booklet for
XYZ(50.4352, 53.8252, 36.5287)
contains.

XYZ(50.3071, 53.6073, 36.5499)	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(50.3071, 53.6073,
36.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC196
RGB	207, 193, 150
RGB Percent	81%, 76%, 59%
CMY	0.1882, 0.2431, 0.4118
CMYK	0.00, 0.07, 0.28, 0.19
HSL	45°, 37%, 70%
HSV	45°, 28%, 81%
XYZ	50.3071, 53.6073, 36.5499
YIQ	192.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

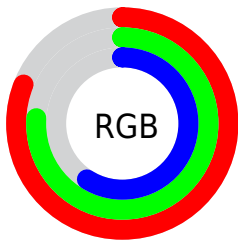
Format	Color
RYB	169, 207, 150
Decimal	13615510
CIELab	78.23, -1.72, 23.47
CIELCh	78, 23.535, 94.194
Yxy	53.6073, 0.3581, 0.3816
Android (android.graphics.Color)	4291805590 (0xFFCFC196)
YUV	192.2840, -20.8460, 12.9059
Hunter-Lab	73.2170, -5.4832, 21.6544

Details

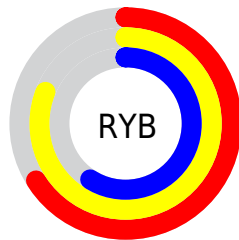
The XYZ color **50.3071, 53.6073, 36.5499** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1154, 37.5390, 64.3213**, and the grayscale version is **50.3790, 53.0026, 57.7199**.

A 20% lighter version of the original color is **86.0148, 93.3710, 70.6157**, and **24.5791, 26.3324, 15.5916** is the 20% darker color. If you saturate the color by 10%, you get **47.6814, 50.7918, 28.1649**, and if you desaturate by 10%, it is **53.2686, 56.6227, 46.5009**.

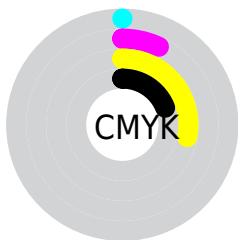
Distribution



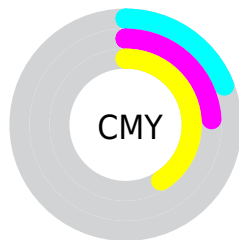
- Red (81%)
- Green (76%)
- Blue (59%)



- Red (66%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3071, 53.6073, 36.5499 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 50.3071, 53.6073, 36.5499 by changing the saturation by 10% instead.

■ 50.3071, 53.6073,
36.5499

■ 50.3071, 53.6073,
36.5499

378.2978,
400.6108, 346.4675

■ 35.8763, 38.2878,
24.5661

■ 89.8188, 95.4974,
71.0586

■ 24.5083, 26.2061,
15.5380

■ 115.6304,
122.8368, 94.4205

■ 15.8379, 16.9779,
9.0471

145.9663,
154.9516, 122.4123

■ 9.4996, 10.2187,
4.6747

181.1919,
192.2262, 155.4525

■ 5.1282, 5.5442,
2.0023

221.6725,
235.0451, 193.9595

■ 2.3582, 2.5700,
0.5567

267.7734,

■ 0.8242, 0.9116,

283.7925, 238.3521

0.0000

319.8601,
338.8529, 289.0485

■ 0.0000, 0.0000,
0.0000

■ 50.3071, 53.6073,
36.5499

■ 50.3071, 53.6073,
36.5499

■ 47.6814, 50.7918,
28.1649

■ 53.2686, 56.6227,
46.5009

■ 45.3716, 48.1620,
21.2607

■ 56.5767, 59.8371,
58.0901

■ 43.3618, 45.7128,
15.7492

■ 60.2463, 63.2592,
71.3896

■ 41.6327, 43.4357,
11.5316

■ 64.2906, 66.8948,
86.4659

■ 40.1628, 41.3216,
8.4960

■ 68.7219, 70.7492,
103.3821

■ 38.9268, 39.3598,
6.5112

■ 70.3039, 73.5287,
105.0948

■ 37.8895, 37.5354,
5.3945

■ 71.6863, 76.2937,
105.5556

■ 37.6500, 37.1010,
5.1768

■ 73.1100, 79.1409,
106.0302

■ 74.5751, 82.0712,
106.5185

Harmonies

Analogous

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



54.9059, 53.6073, 38.3815



50.3071, 53.6073, 36.5499



46.1348, 53.6073, 39.8015

Triad

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



50.3071, 53.6073, 36.5499



43.9716, 53.6073, 73.8170



59.3492, 53.6073, 70.1227

Complementary

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



50.3071, 53.6073, 36.5499



37.1154, 37.5390, 64.3213

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.



56.0937, 53.6073, 81.9649



50.3071, 53.6073, 36.5499



47.1929, 53.6073, 84.3134

Square

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



50.3071, 53.6073, 36.5499



42.6194, 53.6073, 60.2441



51.6027, 53.6073, 87.4984



60.3058, 53.6073, 56.5337

Rectangle

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



50.3071, 53.6073, 36.5499



44.1012, 53.6073, 44.7512



51.6027, 53.6073, 87.4984



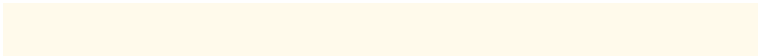
58.4781, 53.6073, 74.5027

Sweetspot

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



50.3085, 53.6097, 36.5510



90.3605, 95.6007, 91.9849



43.3624, 37.7681, 40.2456



19.1612, 20.2906, 19.0509



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.



50.3085, 53.6097, 36.5510



78.0956, 83.2330, 50.4027



49.7469, 58.1326, 37.4536



12.5473, 13.2853, 12.5150



23.7987, 23.5305, 3.2875



1.3908, 1.4359, 0.2039

Inverse Universe

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



37.1154, 37.5390, 64.3213



53.5545, 53.3463, 102.0820



37.5309, 34.2375, 63.6621



11.3961, 11.8825, 14.9366



7.9000, 4.4467, 37.6344



0.5055, 0.3762, 2.1255

Previews

White Background



This preview shows how the XYZ color 50.3071, 53.6073, 36.5499 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 50.3071, 53.6073, 36.5499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

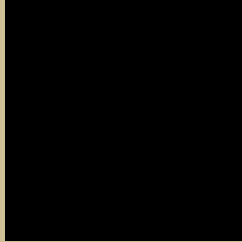
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3071, 53.6073, 36.5499

Background



This preview shows how black text looks on a background with the XYZ color 50.3071, 53.6073, 36.5499.



This preview shows how white text looks on a background with the XYZ color 50.3071, 53.6073,

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

50.3071, 53.6073, 36.5499

Protanopia

50.0286, 53.4637, 36.5369

Deuteranopia

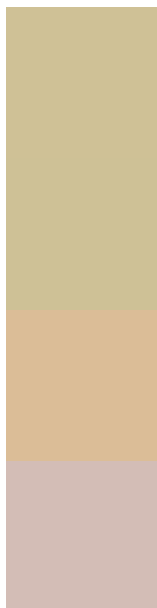
54.5089, 53.5209, 36.7358



Tritanopia

55.5421, 53.4810, 62.6538

Trichromacy



Original Color

50.3071, 53.6073, 36.5499

Protanomaly

50.0286, 53.4637, 36.5369

Deuteranomaly

52.9969, 53.6896, 36.8481

Tritanomaly

53.5051, 53.6215, 51.7859

Monochromacy



Original Color

50.3071, 53.6073, 36.5499

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8114, 52.7439, 49.1502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3071, 53.6073, 36.5499 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(207, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 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(207, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 150) }
```

Border

The CSS property to change the border of an element to XYZ 50.3071, 53.6073, 36.5499 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(207, 193, 150) }
```


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

```
.border{ border-color:rgb(207, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3071, 53.6073, 36.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 150) }
```

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

```
.background{ background-color: rgb(207,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor