

Converting Colors

XYZ(53.4176, 60.2982, 35.3106)

Have a look what the booklet for
XYZ(53.4176, 60.2982, 35.3106)
contains.

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Color

**XYZ(53.6023, 60.5353,
35.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D090
RGB	208, 208, 144
RGB Percent	82%, 82%, 56%
CMY	0.1843, 0.1843, 0.4353
CMYK	0.00, 0.00, 0.31, 0.18
HSL	60°, 41%, 69%
HSV	60°, 31%, 82%
XYZ	53.6023, 60.5353, 35.2449
YIQ	200.7040, 20.5440, -19.9040

Conversions

Conversions Part 2

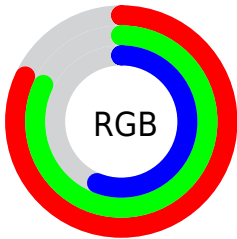
Format	Color
RYB	144, 208, 144
Decimal	13684880
CIELab	82.13, -9.87, 31.86
CIELCh	82, 33.358, 107.211
Yxy	60.5353, 0.3588, 0.4052
Android (android.graphics.Color)	4291874960 (0xFFD0D090)
YUV	200.7040, -27.9551, 6.3986
Hunter-Lab	77.8044, -13.1826, 27.6051

Details

The XYZ color **53.6023, 60.5353, 35.2449** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8624, 30.4315, 63.8199**, and the grayscale version is **55.4940, 58.3840, 63.5802**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **26.6683, 30.6738, 14.8710** is the 20% darker color. If you saturate the color by 10%, you get **52.1569, 59.9592, 27.6294**, and if you desaturate by 10%, it is **55.3437, 61.2340, 44.4056**.

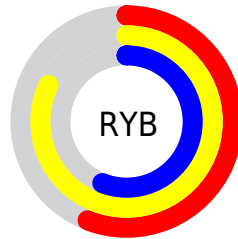
Distribution



Red (82%)

Green (82%)

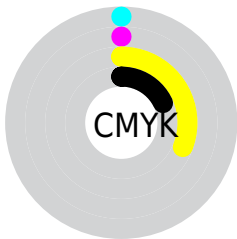
Blue (56%)



Red (56%)

Yellow (82%)

Blue (56%)

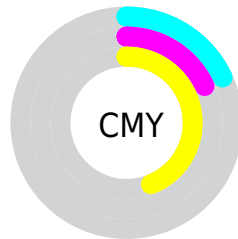


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (18%)


Magenta (18%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6023, 60.5353, 35.2449 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 53.6023, 60.5353, 35.2449 by changing the saturation by 10% instead.


 53.6023, 60.5353,
35.2449


 53.6023, 60.5353,
35.2449


390.8148,
426.5681, 340.5850

 38.5132, 43.8502,
23.5665


 94.6504, 105.6058,
69.0209

 26.5603, 30.5528,
14.8032


 121.3401,
134.7600, 91.9555

 17.3781, 20.2586,
8.5363


152.6273,
168.8394, 119.4793

 10.6014, 12.5831,
4.3473

188.8775,
208.2284, 152.0109

 5.8648, 7.1421,
1.8177

230.4560,
253.3114, 189.9687

 2.8029, 3.5511,
0.4396

277.7282,

 1.0504, 1.4258,

304.4727, 233.7713

0.0000

331.0593,
362.0968, 283.8372

0.0000, 0.2356,
0.0000

0.0000, 0.0000,
0.0000

53.6023, 60.5353,
35.2449

53.6023, 60.5353,
35.2449

52.1569, 59.9592,
27.6294

55.3437, 61.2340,
44.4056

50.9868, 59.4911,
21.4705


57.3915, 62.0532,
55.1861

50.0759, 59.1267,
16.6765


59.7609, 63.0010,
67.6607


49.4045, 58.8580,
13.1435


62.4651, 64.0828,
81.8979


 48.9500, 58.6762,
10.7531


 65.5163, 65.3033,
97.9626


 48.6858, 58.5704,
9.3642

 66.6227, 65.7460,
103.7866

 48.5660, 58.5225,
8.7363

 66.6233, 65.7462,
103.7866

 66.6238, 65.7465,
103.7866

 66.6243, 65.7468,
103.7867

Harmonies

Analogous

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



60.6034, 60.5353, 34.7345



53.6023, 60.5353, 35.2449



48.1139, 60.5353, 42.8174

Triad

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



53.6023, 60.5353, 35.2449



48.7761, 60.5353, 98.8630



71.8596, 60.5353, 74.9252

Complementary

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



53.6023, 60.5353, 35.2449



32.8624, 30.4315, 63.8199

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.



68.1164, 60.5353, 96.1022



53.6023, 60.5353, 35.2449



54.5758, 60.5353, 111.7112

Square

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



53.6023, 60.5353, 35.2449



45.4884, 60.5353, 78.1345



61.6597, 60.5353, 110.6082



71.5448, 60.5353, 55.0368

Rectangle

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



53.6023, 60.5353, 35.2449



45.8770, 60.5353, 51.9352



61.6597, 60.5353, 110.6082



71.0221, 60.5353, 82.1967

Sweetspot

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



53.6038, 60.5380, 35.2462



91.5718, 98.6087, 90.5882



41.0218, 35.3715, 31.0517



19.4884, 21.0616, 18.8015



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.



53.6038, 60.5380, 35.2462



83.3991, 95.3393, 47.5633



45.4968, 56.3587, 34.8668



12.8034, 13.7976, 12.6004



30.2673, 36.4723, 5.4446



1.6924, 2.0393, 0.3044

Inverse Universe

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



32.8624, 30.4315, 63.8199



45.3630, 40.1292, 99.9626



39.2648, 33.7320, 64.1196



11.1638, 11.4178, 14.8591



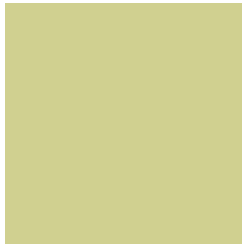
7.0961, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 53.6023, 60.5353, 35.2449 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 53.6023, 60.5353, 35.2449 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 53.6023, 60.5353, 35.2449

Background



This preview shows how black text looks on a background with the XYZ color 53.6023, 60.5353, 35.2449.



This preview shows how white text looks on a background with the XYZ color 53.6023, 60.5353,

35.2449.

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

53.6023, 60.5353, 35.2449

Protanopia

55.9906, 60.3544, 34.2897

Deuteranopia

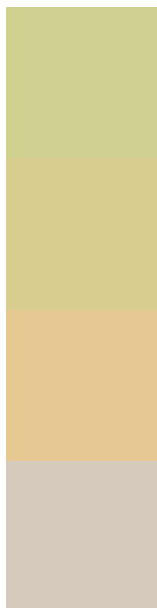
61.6243, 60.4637, 36.0265



Tritanopia

61.3044, 60.5049, 72.7375

Trichromacy



Original Color

53.6023, 60.5353, 35.2449

Protanomaly

55.1081, 60.2447, 34.7105

Deuteranomaly

58.4757, 60.2069, 35.7332

Tritanomaly

58.0374, 60.2113, 56.7072

Monochromacy



Original Color

53.6023, 60.5353, 35.2449

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7329, 59.3184, 51.7449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6023, 60.5353, 35.2449 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(208, 208, 144)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 144)  
}
```

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(208, 208, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.6023, 60.5353, 35.2449 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(208, 208, 144) }
```


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

```
.border{ border-color:rgb(208, 208, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 144);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6023, 60.5353, 35.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 144) }
```

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

```
.background{ background-color: rgb(208,  
208, 144) }
```

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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