

Converting Colors

XYZ(53.0700, 60.7120, 32.9692)

Have a look what the booklet for
XYZ(53.0700, 60.7120, 32.9692)
contains.

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Color

**XYZ(53.1200, 60.7013,
32.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD18A
RGB	207, 209, 138
RGB Percent	81%, 82%, 54%
CMY	0.1882, 0.1804, 0.4588
CMYK	0.01, 0.00, 0.34, 0.18
HSL	62°, 44%, 68%
HSV	62°, 34%, 82%
XYZ	53.1200, 60.7013, 32.9616
YIQ	200.3080, 21.5990, -22.5050

Conversions

Conversions Part 2

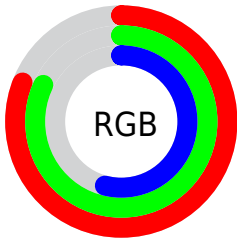
Format	Color
RYB	138, 209, 140
Decimal	13619594
CIELab	82.22, -11.50, 35.05
CIELCh	82, 36.889, 108.163
Yxy	60.7013, 0.3619, 0.4135
Android (android.graphics.Color)	4291809674 (0xFFCFD18A)
YUV	200.3080, -30.7178, 5.8689
Hunter-Lab	77.9110, -14.6424, 29.4541

Details

The XYZ color **53.1200, 60.7013, 32.9616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4146, 28.3575, 64.1430**, and the grayscale version is **55.2651, 58.1432, 63.3179**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **26.3905, 30.8062, 13.5721** is the 20% darker color. If you saturate the color by 10%, you get **51.5861, 60.0709, 25.7370**, and if you desaturate by 10%, it is **54.9487, 61.4540, 41.7224**.

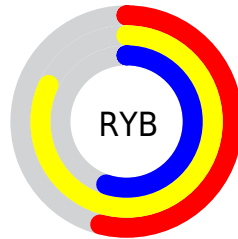
Distribution



Red (81%)

Green (82%)

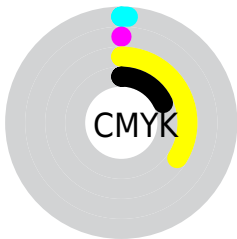
Blue (54%)



Red (54%)

Yellow (82%)

Blue (55%)

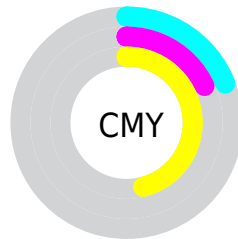


Cyan (1%)

Magenta (0%)

Yellow (34%)

Black (18%)



Cyan (19%)

Magenta (18%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1200, 60.7013, 32.9616 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 53.1200, 60.7013, 32.9616 by changing the saturation by 10% instead.

■ 53.1200, 60.7013,
32.9616

■ 53.1200, 60.7013,
32.9616

388.9987,
427.1779, 330.1034

■ 38.1264, 43.9842,
21.8262

■ 93.9454, 105.8463,
65.4309

■ 26.2585, 30.6580,
13.5321

■ 120.5080,
135.0430, 87.6018

■ 17.1508, 20.3386,
7.6610

■ 151.6576,
169.1683, 114.2883

■ 10.4380, 12.6414,
3.7941

187.7596,
208.6066, 145.9089

■ 5.7548, 7.1821,
1.5131

229.1793,
253.7423, 182.8822

■ 2.7358, 3.5762,
0.2277

276.2822,

■ 1.0156, 1.4395,

304.9599, 225.6267

0.0000

329.4335,
362.6436, 274.5609

0.0000, 0.2455,
0.0000

0.0000, 0.0000,
0.0000

53.1200, 60.7013,
32.9616

53.1200, 60.7013,
32.9616

51.5861, 60.0709,
25.7370

54.9487, 61.4540,
41.7224

50.3258, 59.5478,
19.9564

57.0832, 62.3270,
52.0968

49.3221, 59.1274,
15.5239

59.5394, 63.3287,
64.1615

48.5543, 58.8015,
12.3302

62.3305, 64.4644,
77.9873

■ 47.9984, 58.5604,
10.2493

■ 65.4694, 65.7394,
93.6410

■ 47.6254, 58.3925,
9.1281

■ 67.5847, 66.6049,
103.9017

■ 47.4582, 58.3144,
8.7545

■ 67.7537, 66.6921,
103.9096

■ 67.9233, 66.7795,
103.9175

■ 68.0935, 66.8672,
103.9255

Harmonies

Analogous

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



60.8440, 60.7013, 32.1918



53.1200, 60.7013, 32.9616



47.1719, 60.7013, 41.2668

Triad

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



53.1200, 60.7013, 32.9616



48.2085, 60.7013, 103.7793



73.7503, 60.7013, 75.3550

Complementary

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



53.1200, 60.7013, 32.9616



31.4146, 28.3575, 64.1430

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.



69.6765, 60.7013, 99.2920



53.1200, 60.7013, 32.9616



54.6561, 60.7013, 118.0209

Square

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



53.1200, 60.7013, 32.9616



44.5184, 60.7013, 80.4926



62.5249, 60.7013, 116.2143



73.2440, 60.7013, 53.5228

Rectangle

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



53.1200, 60.7013, 32.9616



44.7971, 60.7013, 51.2940



62.5249, 60.7013, 116.2143



72.8570, 60.7013, 83.4964

Sweetspot

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



53.1215, 60.7040, 32.9629



90.9483, 98.3288, 88.6812



40.1432, 33.9102, 28.4752



19.3524, 20.9998, 18.4211



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.



53.1215, 60.7040, 32.9629



81.4632, 94.4407, 42.9798



44.4731, 56.2456, 32.5581



12.7690, 13.7799, 12.5988



29.2744, 35.9605, 5.3981



1.6475, 2.0162, 0.3023

Inverse Universe

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



31.4146, 28.3575, 64.1430



42.2414, 35.9882, 99.3278



38.2072, 31.8591, 64.4608



11.1941, 11.4334, 14.8605



7.1554, 2.8690, 37.3691



0.4112, 0.1661, 2.0900

Previews

White Background



This preview shows how the XYZ color 53.1200, 60.7013, 32.9616 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 53.1200, 60.7013, 32.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

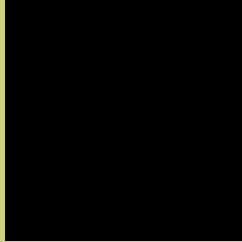
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1200, 60.7013, 32.9616

Background



This preview shows how black text looks on a background with the XYZ color 53.1200, 60.7013, 32.9616.



This preview shows how white text looks on a background with the XYZ color 53.1200, 60.7013,

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

53.1200, 60.7013, 32.9616

Protanopia

56.1610, 60.4929, 32.0088

Deuteranopia

61.8559, 60.6360, 33.6431



Tritanopia

61.0081, 60.3521, 72.7236

Trichromacy



Original Color

53.1200, 60.7013, 32.9616

Protanomaly

55.2019, 60.7005, 32.4738

Deuteranomaly

58.5753, 60.6557, 33.4314

Tritanomaly

57.7661, 60.4459, 55.6363

Monochromacy



Original Color

53.1200, 60.7013, 32.9616

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9203, 58.5827, 50.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1200, 60.7013, 32.9616 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, 209, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 138)  
}
```

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, 209, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 138) }
```

Border

The CSS property to change the border of an element to XYZ 53.1200, 60.7013, 32.9616 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, 209, 138) }
```


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

```
.border{ border-color:rgb(207, 209, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1200, 60.7013, 32.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 138) }
```

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

```
.background{ background-color: rgb(207,  
209, 138) }
```

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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