

Converting Colors

XYZ(53.1810, 54.0101, 61.3951)

Have a look what the booklet for
XYZ(53.1810, 54.0101, 61.3951)
contains.

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Color

**XYZ(53.0270, 53.8026,
61.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BFC7
RGB	201, 191, 199
RGB Percent	79%, 75%, 78%
CMY	0.2118, 0.2510, 0.2196
CMYK	0.00, 0.05, 0.01, 0.21
HSL	312°, 8%, 77%
HSV	312°, 5%, 79%
XYZ	53.0270, 53.8026, 61.6230
YIQ	194.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

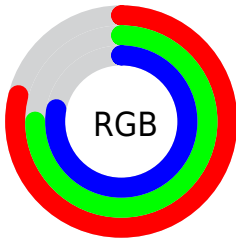
Format	Color
R _Y B	201, 191, 199
Decimal	13221831
CIE Lab	78.35, 4.95, -2.77
CIE LCh	78, 5.669, 330.779
Yxy	53.8026, 0.3148, 0.3194
Android (android.graphics.Color)	4291411911 (0xFFC9BFC7)
YUV	194.9020, 2.0203, 5.3479
Hunter-Lab	73.3503, 0.6798, 1.5345

Details

The XYZ color **53.0270, 53.8026, 61.6230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0001, 56.7013, 58.6585**, and the grayscale version is **51.8016, 54.4994, 59.3498**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **26.2319, 26.4243, 30.5059** is the 20% darker color. If you saturate the color by 10%, you get **48.4807, 45.4467, 57.8349**, and if you desaturate by 10%, it is **58.1903, 63.3712, 65.6790**.

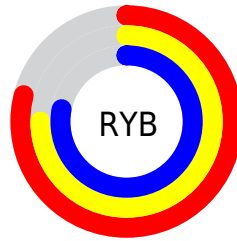
Distribution



Red (79%)

Green (75%)

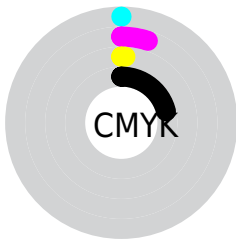
Blue (78%)



Red (79%)

Yellow (75%)

Blue (78%)

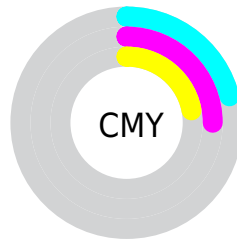


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0270, 53.8026, 61.6230 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 53.0270, 53.8026, 61.6230 by changing the saturation by 10% instead.

■ 53.0270, 53.8026,
61.6230

■ 53.0270, 53.8026,
61.6230

388.6479,
401.3568, 448.5242

■ 38.0519, 38.4439,
44.2943

■ 93.8094, 95.7843,
108.7468

■ 26.2004, 26.3274,
30.5631

120.3474,
123.1761, 139.3790

■ 17.1071, 17.0687,
20.0107

151.4704,
155.3478, 175.2827

■ 10.4066, 10.2835,
12.2187

187.5437,
192.6836, 216.8766

■ 5.7337, 5.5873,
6.7684

228.9328,
235.5680, 264.5792

■ 2.7230, 2.5958,
3.2415

276.0029,

■ 1.0090, 0.9246,

284.3854, 318.8089

1.2192

329.1195,
339.5202, 379.9844

■ 0.0000, 0.0000,
0.0000

■ 53.0270, 53.8026,
61.6230

■ 53.0270, 53.8026,
61.6230

■ 48.4807, 45.4467,
57.8349

■ 58.1903, 63.3712,
65.6790

■ 44.5224, 38.2478,
54.3025

■ 63.9889, 74.1915,
70.0074

■ 41.1274, 32.1562,
51.0179

■ 70.4464, 86.3092,
74.6173

■ 38.2676, 27.1158,
47.9711

■ 72.1246, 88.8484,
77.6963

■ 35.9127, 23.0658,
45.1516

■ 72.6481, 89.0578,
80.4530

34.0288, 19.9389,
42.5477

73.1844, 89.2724,
83.2772

32.5780, 17.6596,
40.1461

73.7336, 89.4920,
86.1692

31.5167, 16.1404,
37.9319

74.2958, 89.7169,
89.1295

30.7913, 15.2746,
35.8867

74.8710, 89.9470,
92.1586

Harmonies

Analogous

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



52.2400, 53.8026, 64.0031



53.0270, 53.8026, 61.6230



53.3061, 53.8026, 58.4986

Triad

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



53.0270, 53.8026, 61.6230



51.1087, 53.8026, 52.6686



49.3223, 53.8026, 61.7723

Complementary

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



53.0270, 53.8026, 61.6230



52.0001, 56.7013, 58.6585

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.



49.0290, 53.8026, 58.6652



53.0270, 53.8026, 61.6230



50.0512, 53.8026, 53.4758

Square

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



53.0270, 53.8026, 61.6230



52.1889, 53.8026, 53.3975



49.2939, 53.8026, 55.6425



50.1008, 53.8026, 64.0915

Rectangle

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



53.0270, 53.8026, 61.6230



53.1634, 53.8026, 56.4358



49.2939, 53.8026, 55.6425



49.1642, 53.8026, 60.7817

Sweetspot

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



53.0285, 53.8049, 61.6242



94.1599, 98.3510, 108.1986



51.1679, 52.8187, 62.7574



20.1635, 21.0685, 23.1664



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.



53.0285, 53.8049, 61.6242



89.8729, 90.4281, 104.7624



52.4576, 53.5765, 58.6176



11.2718, 11.3002, 13.1565



19.2115, 9.4342, 22.1216



0.9335, 0.4562, 1.1728

Inverse Universe

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



53.0285, 53.8049, 61.6242



89.8729, 90.4281, 104.7624



52.5673, 56.9282, 61.6451



11.2718, 11.3002, 13.1565



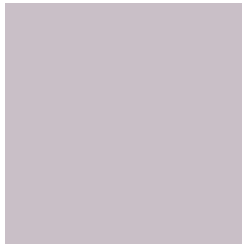
19.2115, 9.4342, 22.1216



0.9335, 0.4562, 1.1728

Previews

White Background



This preview shows how the XYZ color 53.0270, 53.8026, 61.6230 looks on a white background.

Color Contrast Check

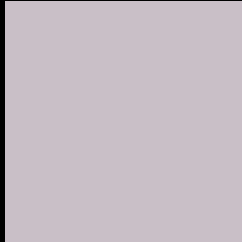
Large Text (above 18pt) WCAG AA × Fail

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 53.0270, 53.8026, 61.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

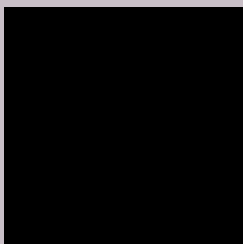
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

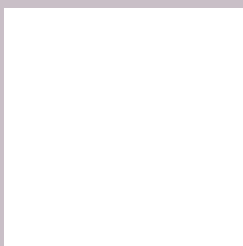
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0270, 53.8026, 61.6230

Background



This preview shows how black text looks on a background with the XYZ color 53.0270, 53.8026, 61.6230.

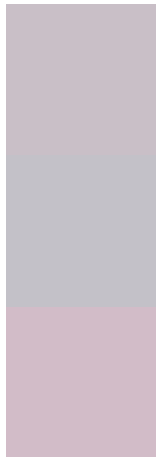


This preview shows how white text looks on a background with the XYZ color 53.0270, 53.8026,

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

53.0270, 53.8026, 61.6230

Protanopia

52.0010, 53.9122, 62.3089

Deuteranopia

54.9869, 53.8382, 62.1373



Tritanopia

53.7900, 53.7912, 65.3053

Trichromacy



Original Color

53.0270, 53.8026, 61.6230

Protanomaly

52.3009, 53.7397, 62.2598

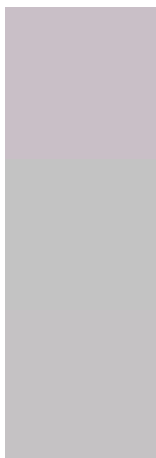
Deuteranomaly

54.3550, 53.8307, 62.1691

Tritanomaly

53.5501, 53.6953, 64.0417

Monochromacy



Original Color

53.0270, 53.8026, 61.6230

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2815, 54.4394, 59.9769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0270, 53.8026, 61.6230 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(201, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 199)  
}
```

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(201, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.0270, 53.8026, 61.6230 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(201, 191, 199) }
```


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

```
.border{ border-color:rgb(201, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 191, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 191, 199); box-shadow:4px 4px 4px 4px rgb(201, 191, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0270, 53.8026, 61.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 199) }
```

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

```
.background{ background-color: rgb(201,  
191, 199) }
```

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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