

Converting Colors

XYZ(52.3052, 53.4192, 54.9436)

Have a look what the booklet for
XYZ(52.3052, 53.4192, 54.9436)
contains.

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Color

**XYZ(52.3365, 53.5890,
55.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBFBC
RGB	203, 191, 188
RGB Percent	80%, 75%, 74%
CMY	0.2039, 0.2510, 0.2627
CMYK	0.00, 0.06, 0.07, 0.20
HSL	12°, 13%, 77%
HSV	12°, 7%, 80%
XYZ	52.3365, 53.5890, 55.1622
YIQ	194.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

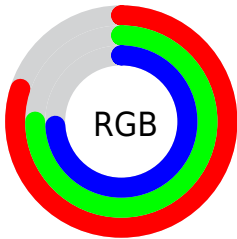
Format	Color
RYB	203, 192, 188
Decimal	13352892
CIELab	78.22, 3.69, 3.01
CIELCh	78, 4.766, 39.220
Yxy	53.5890, 0.3249, 0.3327
Android (android.graphics.Color)	4291542972 (0xFFCBBFBC)
YUV	194.2460, -3.0793, 7.6773
Hunter-Lab	73.2045, -0.4919, 6.5660

Details

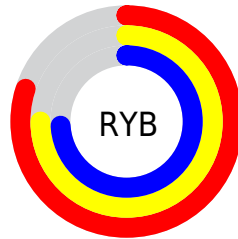
The XYZ color **52.3365, 53.5890, 55.1622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1726, 56.3106, 64.6197**, and the grayscale version is **51.4394, 54.1183, 58.9348**.

A 20% lighter version of the original color is **90.8299, 94.3132, 99.0050**, and **25.8561, 26.3158, 26.6384** is the 20% darker color. If you saturate the color by 10%, you get **46.9542, 46.0832, 43.3202**, and if you desaturate by 10%, it is **58.4221, 62.0076, 68.7586**.

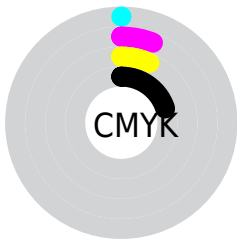
Distribution



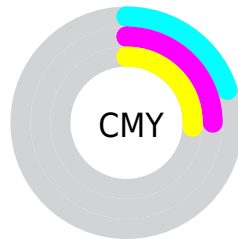
- Red (80%)
- Green (75%)
- Blue (74%)



- Red (80%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3365, 53.5890, 55.1622 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 52.3365, 53.5890, 55.1622 by changing the saturation by 10% instead.

■ 52.3365, 53.5890,
55.1622

■ 52.3365, 53.5890,
55.1622

386.0370,
400.5408, 423.8257

■ 37.4987, 38.2732,
39.1321

■ 92.7986, 95.4705,
99.2521

■ 25.7693, 26.1948,
26.5539

119.1536,
122.8050, 128.1490

■ 16.7829, 16.9694,
17.0090

150.0785,
154.9145, 162.1719

■ 10.1742, 10.2127,
10.0789

185.9384,
192.1834, 201.7394

■ 5.5777, 5.5402,
5.3450

227.0989,
234.9960, 247.2700

■ 2.6283, 2.5676,
2.3888

273.9253,

■ 0.9604, 0.9104,

283.7369, 299.1822

0.7803

326.7828,
338.7904, 357.8946

■ 0.0000, 0.0000,
0.0000

■ 52.3365, 53.5890,
55.1622

■ 52.3365, 53.5890,
55.1622

■ 46.9542, 46.0832,
43.3202

■ 58.4221, 62.0076,
68.7586

■ 42.2452, 39.4526,
33.1576

■ 65.2308, 71.3610,
84.1734

■ 38.1840, 33.6671,
24.5991

■ 72.7871, 81.6795,
101.4715

■ 34.7415, 28.6924,
17.5622

■ 78.4388, 91.4366,
108.1226

■ 31.8865, 24.4920,
11.9571

■ 29.5850, 21.0260,
7.6845

■ 27.7992, 18.2515,
4.6322

■ 26.4863, 16.1204,
2.6696

■ 25.5921, 14.5767,
1.6169

Harmonies

Analogous

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



52.7252, 53.5890, 57.5304



52.3365, 53.5890, 55.1622



51.5735, 53.5890, 53.6787

Triad

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



52.3365, 53.5890, 55.1622



49.2767, 53.5890, 56.5464



51.2226, 53.5890, 63.5663

Complementary

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



52.3365, 53.5890, 55.1622



52.1726, 56.3106, 64.6197

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.



50.3013, 53.5890, 63.2833



52.3365, 53.5890, 55.1622



49.1853, 53.5890, 59.1760

Square

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



52.3365, 53.5890, 55.1622



49.8094, 53.5890, 54.4608



49.5582, 53.5890, 61.6569



52.0769, 53.5890, 62.4187

Rectangle

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



52.3365, 53.5890, 55.1622



50.9591, 53.5890, 53.3638



49.5582, 53.5890, 61.6569



50.9103, 53.5890, 63.6360

Sweetspot

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



52.3380, 53.5913, 55.1634



92.9522, 97.1011, 104.2036



53.0378, 52.8338, 62.0467



19.9176, 20.8140, 22.3530



0.0000, 0.0000, 0.0000



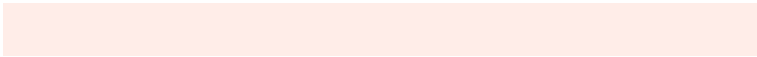
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.3380, 53.5913, 55.1634



85.9943, 87.4525, 88.7288



54.0149, 56.9451, 55.7223



11.3912, 11.5714, 11.7126



16.2227, 9.1784, 0.9166



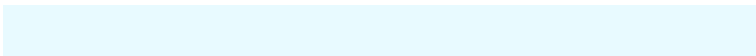
0.8917, 0.5831, 0.0656

Inverse Universe

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



52.1726, 56.3106, 64.6197



85.6563, 93.0068, 108.0453



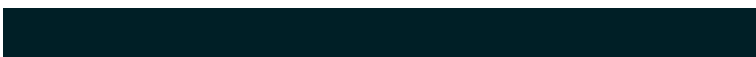
50.4788, 52.9231, 64.0551



11.3450, 12.3305, 14.3525



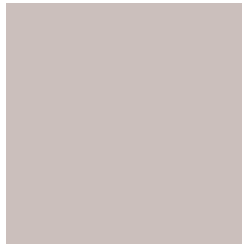
15.1871, 19.3982, 38.9001



0.8333, 1.1003, 2.0234

Previews

White Background



This preview shows how the XYZ color 52.3365, 53.5890, 55.1622 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 52.3365, 53.5890, 55.1622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

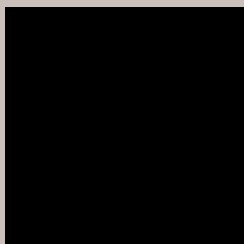
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

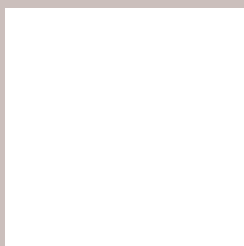
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3365, 53.5890, 55.1622

Background



This preview shows how black text looks on a background with the XYZ color 52.3365, 53.5890, 55.1622.



This preview shows how white text looks on a background with the XYZ color 52.3365, 53.5890,

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

52.3365, 53.5890, 55.1622

Protanopia

51.5440, 53.8198, 55.8157

Deuteranopia

54.6872, 53.5109, 55.5904



Tritanopia

54.1539, 53.6861, 64.0082

Trichromacy



Original Color

52.3365, 53.5890, 55.1622

Protanomaly

51.8544, 53.6528, 55.7671

Deuteranomaly

53.7469, 53.3422, 55.6074

Tritanomaly

53.5083, 53.7415, 60.9790

Monochromacy



Original Color

52.3365, 53.5890, 55.1622

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6103, 53.8160, 57.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3365, 53.5890, 55.1622 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(203, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 188)  
}
```

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(203, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.3365, 53.5890, 55.1622 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(203, 191, 188) }
```


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

```
.border{ border-color:rgb(203, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 191, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 191, 188); box-shadow:4px 4px 4px 4px rgb(203, 191, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3365, 53.5890, 55.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 188) }
```

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

```
.background{ background-color: rgb(203,  
191, 188) }
```

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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