

Converting Colors

XYZ(53.2315, 55.7215, 54.4041)

Have a look what the booklet for
XYZ(53.2315, 55.7215, 54.4041)
contains.

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Color

**XYZ(53.2315, 55.7215,
54.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC4BA
RGB	203, 196, 186
RGB Percent	80%, 77%, 73%
CMY	0.2039, 0.2314, 0.2706
CMYK	0.00, 0.03, 0.08, 0.20
HSL	35°, 14%, 76%
HSV	35°, 8%, 80%
XYZ	53.2315, 55.7215, 54.4041
YIQ	196.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

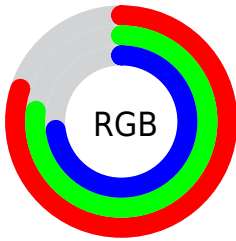
Format	Color
RYB	198, 203, 186
Decimal	13354170
CIELab	79.46, 0.70, 5.87
CIELCh	79, 5.915, 83.226
Yxy	55.7215, 0.3259, 0.3411
Android (android.graphics.Color)	4291544250 (0xFFCBC4BA)
YUV	196.9530, -5.3998, 5.3032
Hunter-Lab	74.6468, -3.3416, 9.0411

Details

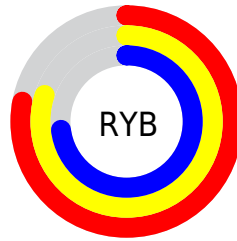
The XYZ color **53.2315, 55.7215, 54.4041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0992, 52.8902, 64.0690**, and the grayscale version is **53.0723, 55.8362, 60.8056**.

A 20% lighter version of the original color is **92.3923, 97.9214, 98.0355**, and **26.3011, 27.4290, 26.0984** is the 20% darker color. If you saturate the color by 10%, you get **49.3931, 51.2560, 43.2230**, and if you desaturate by 10%, it is **57.4846, 60.5245, 67.2374**.

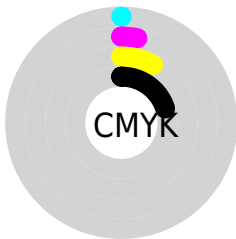
Distribution



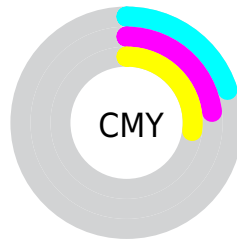
- Red (80%)
- Green (77%)
- Blue (73%)



- Red (78%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2315, 55.7215, 54.4041 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 53.2315, 55.7215, 54.4041 by changing the saturation by 10% instead.

■ 53.2315, 55.7215,
54.4041

■ 53.2315, 55.7215,
54.4041

389.4190,
408.6411, 420.8672

■ 38.2158, 39.9797,
38.5295

■ 94.1085, 98.5973,
98.1297

■ 26.3282, 27.5227,
26.0889

120.7004,
126.5000, 126.8177

■ 17.2033, 17.9662,
16.6638

151.8819,
159.2251, 160.6140

■ 10.4758, 10.9257,
9.8356

188.0182,
197.1571, 199.9370

■ 5.7802, 6.0169,
5.1859

229.4747,
240.6803, 245.2052

■ 2.7513, 2.8554,
2.2961

276.6168,

■ 1.0236, 1.0567,

290.1791, 296.8373

0.7290

329.8098,
346.0379, 355.2518

■ 0.0000, 0.0000,
0.0000

■ 53.2315, 55.7215,
54.4041

■ 53.2315, 55.7215,
54.4041

■ 49.3931, 51.2560,
43.2230

■ 57.4846, 60.5245,
67.2374

■ 45.9501, 47.1121,
33.6223

■ 62.1616, 65.6657,
81.7836

■ 42.8887, 43.2833,
25.5299

■ 67.2770, 71.1554,
98.1048

■ 40.1923, 39.7600,
18.8671

■ 70.8157, 76.1902,
105.5815

■ 37.8426, 36.5322,
13.5476

■ 73.1891, 80.9370,
106.3727

■ 35.8199, 33.5887,
9.4758

■ 75.6753, 85.9094,
107.2014

■ 34.1017, 30.9177,
6.5434

■ 78.2759, 91.1106,
108.0683

■ 32.6619, 28.5054,
4.6231

■ 78.4390, 91.4367,
108.1226

■ 31.4616, 26.3330,
3.5193

Harmonies

Analogous

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



54.3409, 55.7215, 55.5806



53.2315, 55.7215, 54.4041



52.0659, 55.7215, 54.8559

Triad

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



53.2315, 55.7215, 54.4041



50.8901, 55.7215, 63.2879



54.8125, 55.7215, 64.6725

Complementary

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



53.2315, 55.7215, 54.4041



50.0992, 52.8902, 64.0690

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.



53.8675, 55.7215, 66.8837



53.2315, 55.7215, 54.4041



51.6059, 55.7215, 66.0636

Square

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



53.2315, 55.7215, 54.4041



50.7255, 55.7215, 59.9029



52.6926, 55.7215, 67.4021



55.2625, 55.7215, 61.4461

Rectangle

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



53.2315, 55.7215, 54.4041



51.4125, 55.7215, 56.0282



52.6926, 55.7215, 67.4021



54.5415, 55.7215, 65.5640

Sweetspot

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



53.2330, 55.7239, 54.4053



92.8464, 97.5246, 102.2097



51.8233, 51.6692, 57.7434



19.7492, 20.7346, 21.5038



0.0000, 0.0000, 0.0000



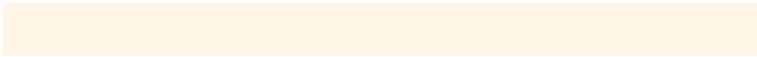
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2330, 55.7239, 54.4053



87.9557, 91.9509, 87.6078



54.4642, 58.7564, 54.9257



11.7517, 12.2924, 11.8327



19.9977, 16.7283, 2.1749



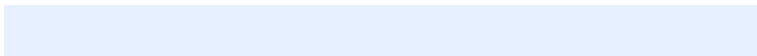
1.1053, 1.0103, 0.1367

Inverse Universe

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



50.0992, 52.8902, 64.0690



81.6815, 86.2775, 106.9559



48.9348, 50.0479, 63.5818



10.9746, 11.5897, 14.2290



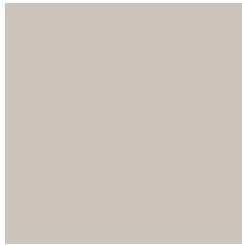
8.9403, 6.9045, 36.8178



0.5354, 0.5046, 1.9241

Previews

White Background



This preview shows how the XYZ color 53.2315, 55.7215, 54.4041 looks on a white background.

Color Contrast Check

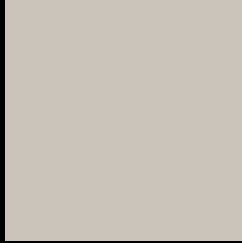
Large Text (above 18pt) WCAG AA × Fail

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 53.2315, 55.7215, 54.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

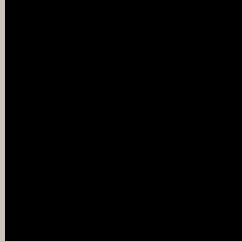
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

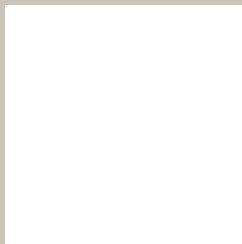
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2315, 55.7215, 54.4041

Background



This preview shows how black text looks on a background with the XYZ color 53.2315, 55.7215, 54.4041.

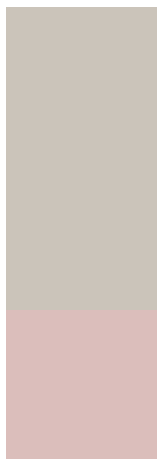


This preview shows how white text looks on a background with the XYZ color 53.2315, 55.7215,

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

53.2315, 55.7215, 54.4041

Protanopia

53.2315, 55.7215, 54.4041

Deuteranopia

56.5965, 55.4748, 54.7385



Tritanopia

55.9087, 55.8158, 67.5013

Trichromacy



Original Color

53.2315, 55.7215, 54.4041

Protanomaly

53.2315, 55.7215, 54.4041

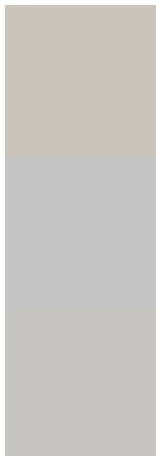
Deuteranomaly

55.2598, 55.4333, 54.8009

Tritanomaly

54.8940, 55.7328, 62.5079

Monochromacy



Original Color

53.2315, 55.7215, 54.4041

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1451, 55.9249, 58.4456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2315, 55.7215, 54.4041 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, 196, 186) looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 186)  
}
```

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, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.2315, 55.7215, 54.4041 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, 196, 186) }
```


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

```
.border{ border-color:rgb(203, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2315, 55.7215, 54.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 186) }
```

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

```
.background{ background-color: rgb(203,  
196, 186) }
```

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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