

Converting Colors

XYZ(51.2483, 54.0232, 53.2558)

Have a look what the booklet for
XYZ(51.2483, 54.0232, 53.2558)
contains.

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Color

**XYZ(51.2322, 54.0500,
53.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C2B8
RGB	198, 194, 184
RGB Percent	78%, 76%, 72%
CMY	0.2235, 0.2392, 0.2784
CMYK	0.00, 0.02, 0.07, 0.22
HSL	43°, 11%, 75%
HSV	43°, 7%, 78%
XYZ	51.2322, 54.0500, 53.0799
YIQ	194.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

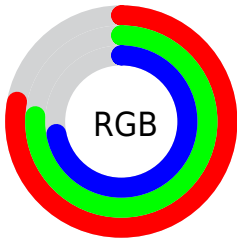
Format	Color
RYB	190, 198, 184
Decimal	13025976
CIELab	78.49, -0.37, 5.51
CIELCh	78, 5.522, 93.864
Yxy	54.0500, 0.3235, 0.3413
Android (android.graphics.Color)	4291216056 (0xFFC6C2B8)
YUV	194.0560, -4.9576, 3.4589
Hunter-Lab	73.5187, -4.2683, 8.6562

Details

The XYZ color **51.2322, 54.0500, 53.0799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9434, 50.2332, 60.5958**, and the grayscale version is **51.3386, 54.0123, 58.8193**.

A 20% lighter version of the original color is **91.1538, 95.9225, 96.1486**, and **24.9764, 26.3242, 25.2374** is the 20% darker color. If you saturate the color by 10%, you get **48.0667, 50.8109, 42.4915**, and if you desaturate by 10%, it is **54.7391, 57.5058, 65.2167**.

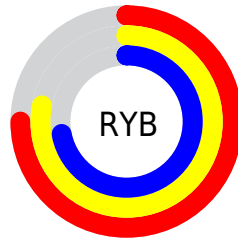
Distribution



Red (78%)

Green (76%)

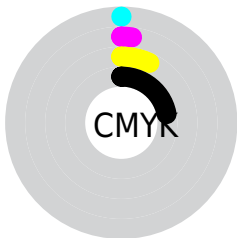
Blue (72%)



Red (75%)

Yellow (78%)

Blue (72%)

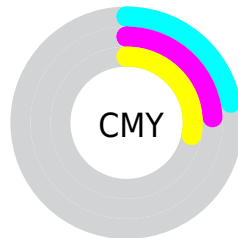


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2322, 54.0500, 53.0799 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 51.2322, 54.0500, 53.0799 by changing the saturation by 10% instead.

■ 51.2322, 54.0500,
53.0799

■ 51.2322, 54.0500,
53.0799

381.8381,
402.3006, 415.6666

■ 36.6152, 38.6416,
37.4784

■ 91.1789, 96.1477,
96.1647

■ 25.0820, 26.4811,
25.2794

117.2393,
123.6057, 124.4850

■ 16.2672, 17.1839,
16.0644

147.8449,
155.8492, 157.8821

■ 9.8055, 10.3657,
9.4149

183.3610,
193.2624, 196.7743

■ 5.3315, 5.6421,
4.9123

224.1530,
236.2297, 241.5804

■ 2.4798, 2.6287,
2.1381

270.5863,

■ 0.8851, 0.9411,

285.1356, 292.7187

0.6383

323.0262,
340.3645, 350.6080

■ 0.0000, 0.0000,
0.0000

■ 51.2322, 54.0500,
53.0799

■ 51.2322, 54.0500,
53.0799

■ 48.0667, 50.8109,
42.4915

■ 54.7391, 57.5058,
65.2167

■ 45.2256, 47.7755,
33.3846

■ 58.5948, 61.1766,
78.9581

■ 42.6970, 44.9400,
25.6926

■ 62.8119, 65.0703,
94.3618

■ 40.4665, 42.2977,
19.3425

■ 66.0521, 68.6522,
104.3776

■ 38.5186, 39.8416,
14.2546

■ 67.5306, 71.6092,
104.8705

■ 36.8358, 37.5637,
10.3407

■ 69.0594, 74.6669,
105.3801

■ 35.3989, 35.4555,
7.5011

■ 70.6391, 77.8262,
105.9066

■ 34.1851, 33.5069,
5.6198

■ 72.2701, 81.0882,
106.4503

■ 33.1638, 31.7047,
4.5383

■ 73.9529, 84.4537,
107.0112

Harmonies

Analogous

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



52.2989, 54.0500, 53.6404



51.2322, 54.0500, 53.0799



50.2173, 54.0500, 54.0204

Triad

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



51.2322, 54.0500, 53.0799



49.6572, 54.0500, 62.2495



53.2718, 54.0500, 61.5270

Complementary

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



51.2322, 54.0500, 53.0799



47.9434, 50.2332, 60.5958

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.



52.5461, 54.0500, 63.9618



51.2322, 54.0500, 53.0799



50.4579, 54.0500, 64.3891

Square

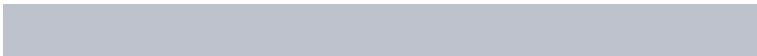
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.2322, 54.0500, 53.0799



49.3161, 54.0500, 59.2555



51.5139, 54.0500, 65.0265



53.4861, 54.0500, 58.4488

Rectangle

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



51.2322, 54.0500, 53.0799



49.7037, 54.0500, 55.3922



51.5139, 54.0500, 65.0265



53.0791, 54.0500, 62.4514

Sweetspot

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



51.2337, 54.0524, 53.0811



93.7770, 98.7505, 104.4785



49.5286, 49.9270, 54.7173



20.0855, 21.1498, 22.4090



0.0000, 0.0000, 0.0000



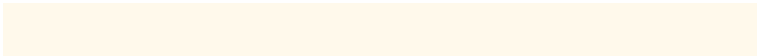
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2337, 54.0524, 53.0811



90.1080, 95.0958, 91.9007



51.4039, 55.4783, 53.3473



11.2582, 11.8856, 11.2635



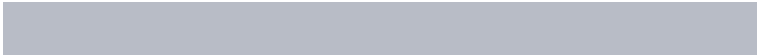
21.4617, 20.4405, 2.8143



1.0757, 1.0869, 0.1531

Inverse Universe

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



47.9434, 50.2332, 60.5958



83.4639, 87.3838, 107.0755



47.7789, 48.8986, 60.3468



10.2992, 10.7724, 13.4539



7.6288, 4.6516, 35.2401



0.4245, 0.3468, 1.6897

Previews

White Background



This preview shows how the XYZ color 51.2322, 54.0500, 53.0799 looks on a white background.

Color Contrast Check

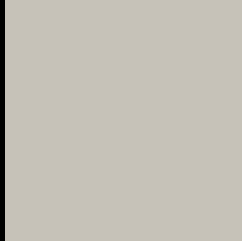
Large Text (above 18pt) WCAG AA × Fail

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 51.2322, 54.0500, 53.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

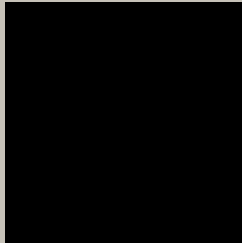
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

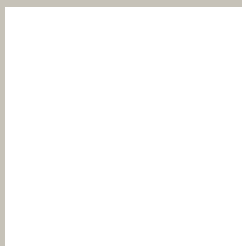
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2322, 54.0500, 53.0799

Background



This preview shows how black text looks on a background with the XYZ color 51.2322, 54.0500, 53.0799.

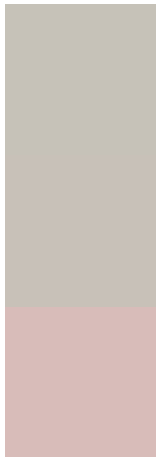


This preview shows how white text looks on a background with the XYZ color 51.2322, 54.0500,

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

51.2322, 54.0500, 53.0799

Protanopia

51.5411, 53.8800, 53.0308

Deuteranopia

55.0591, 54.0682, 53.4332



Tritanopia

53.8588, 54.1353, 66.0030

Trichromacy



Original Color

51.2322, 54.0500, 53.0799

Protanomaly

51.2749, 53.7427, 53.0183

Deuteranomaly

53.4649, 53.8850, 53.4819

Tritanomaly

52.8621, 54.0559, 61.0738

Monochromacy



Original Color

51.2322, 54.0500, 53.0799

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0917, 53.9034, 56.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2322, 54.0500, 53.0799 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(198, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 184)  
}
```

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(198, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.2322, 54.0500, 53.0799 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(198, 194, 184) }
```


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

```
.border{ border-color:rgb(198, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2322, 54.0500, 53.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 184) }
```

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

```
.background{ background-color: rgb(198,  
194, 184) }
```

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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