

Converting Colors

XYZ(52.3551, 54.0538, 64.1739)

Have a look what the booklet for
XYZ(52.3551, 54.0538, 64.1739)
contains.

XYZ(52.3551, 54.0538, 64.1739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3551, 54.0538,
64.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C1CB
RGB	195, 193, 203
RGB Percent	76%, 76%, 80%
CMY	0.2353, 0.2431, 0.2039
CMYK	0.04, 0.05, 0.00, 0.20
HSL	252°, 9%, 78%
HSV	252°, 5%, 80%
XYZ	52.3551, 54.0538, 64.1739
YIQ	194.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

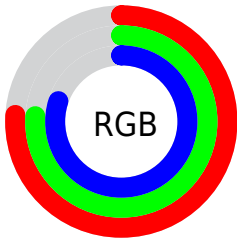
Format	Color
R_{YB}	195, 193, 203
Decimal	12829131
CIE _{Lab}	78.49, 2.57, -4.77
CIE _{LCh}	78, 5.415, 298.330
Yxy	54.0538, 0.3069, 0.3169
Android (android.graphics.Color)	4291019211 (0xFFC3C1CB)
YUV	194.7380, 4.0732, 0.2298
Hunter-Lab	73.5213, -1.5510, -0.2871

Details

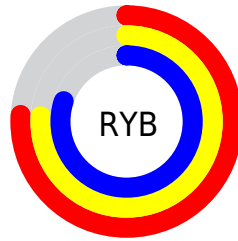
The XYZ color **52.3551, 54.0538, 64.1739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0710, 58.9811, 58.9367**, and the grayscale version is **51.6946, 54.3867, 59.2271**.

A 20% lighter version of the original color is **92.0706, 95.6668, 108.2206**, and **25.7874, 26.5888, 32.2068** is the 20% darker color. If you saturate the color by 10%, you get **44.2007, 43.6405, 62.5945**, and if you desaturate by 10%, it is **61.5853, 65.9391, 65.9823**.

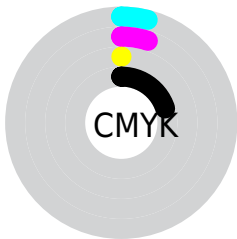
Distribution



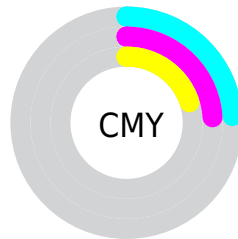
- Red (76%)
- Green (76%)
- Blue (80%)



- Red (76%)
- Yellow (76%)
- Blue (80%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3551, 54.0538, 64.1739 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 52.3551, 54.0538, 64.1739 by changing the saturation by 10% instead.

■ 52.3551, 54.0538,
64.1739

■ 52.3551, 54.0538,
64.1739

386.1074,
402.3151, 458.0420

■ 37.5136, 38.6447,
46.3445

■ 92.8259, 96.1532,
112.4632

■ 25.7809, 26.4834,
32.1671

119.1858,
123.6123, 143.7602

■ 16.7916, 17.1856,
21.2233

150.1160,
155.8569, 180.3834

■ 10.1804, 10.3669,
13.0945

185.9818,
193.2713, 222.7514

■ 5.5819, 5.6429,
7.3621

227.1484,
236.2399, 271.2827

■ 2.6308, 2.6292,
3.6077

273.9813,

■ 0.9617, 0.9414,

285.1471, 326.3959

1.4127

326.8459,
340.3774, 388.5095

■ 0.0000, 0.0000,
0.1516

■ 0.0000, 0.0000,
0.0000

■ 52.3551, 54.0538,
64.1739

■ 52.3551, 54.0538,
64.1739

■ 44.2007, 43.6405,
62.5945

■ 61.5853, 65.9391,
65.9823

■ 37.0779, 34.6348,
61.2317

■ 71.9240, 79.3437,
68.0248

■ 30.9464, 26.9780,
60.0769

■ 83.4083, 94.3213,
70.3104

■ 25.7613, 20.6045,
59.1200

■ 87.7796, 97.0919,
70.6148

■ 21.4742, 15.4428,
58.3497

■ 18.0323, 11.4149,
57.7536

■ 15.3771, 8.4330,
57.3180

■ 13.4419, 6.3964,
57.0269

■ 12.1482, 5.1834,
56.8609

Harmonies

Analogous

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



51.3168, 54.0538, 64.9187



52.3551, 54.0538, 64.1739



53.1404, 54.0538, 61.9908

Triad

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



52.3551, 54.0538, 64.1739



52.4599, 54.0538, 54.0006



49.3553, 54.0538, 58.6845

Complementary

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



52.3551, 54.0538, 64.1739



55.0710, 58.9811, 58.9367

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.



49.6521, 54.0538, 55.8276



52.3551, 54.0538, 64.1739



51.4363, 54.0538, 53.1819

Square

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



52.3551, 54.0538, 64.1739



53.2015, 54.0538, 56.1141



50.4102, 54.0538, 53.8392



49.5938, 54.0538, 61.6845

Rectangle

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



52.3551, 54.0538, 64.1739



53.4096, 54.0538, 60.0505



50.4102, 54.0538, 53.8392



49.3957, 54.0538, 57.6762

Sweetspot

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



52.3567, 54.0561, 64.1751



93.4951, 97.9988, 108.5957



53.6991, 57.5018, 64.7694



20.0282, 20.9969, 23.2472



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.



52.3567, 54.0561, 64.1751



85.9999, 88.3750, 107.1331



53.6262, 54.7106, 64.2345



11.3319, 11.6209, 14.2162



7.4907, 3.0691, 36.1539



0.4495, 0.1909, 1.8681

Inverse Universe

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



54.2431, 55.0559, 63.0290



89.8736, 90.4284, 104.7664



53.7916, 58.3215, 58.8768



11.8872, 11.9152, 13.8761



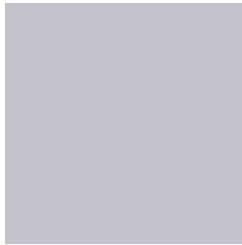
19.8824, 9.7636, 22.8974



1.0508, 0.5137, 1.3133

Previews

White Background



This preview shows how the XYZ color 52.3551, 54.0538, 64.1739 looks on a white background.

Color Contrast Check

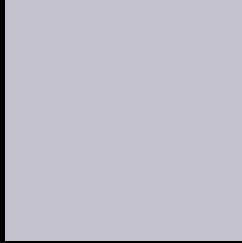
Large Text (above 18pt) WCAG AA × Fail

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 52.3551, 54.0538, 64.1739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

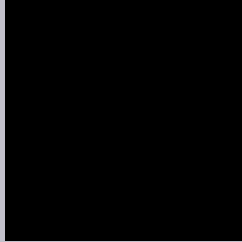
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3551, 54.0538, 64.1739

Background



This preview shows how black text looks on a background with the XYZ color 52.3551, 54.0538, 64.1739.

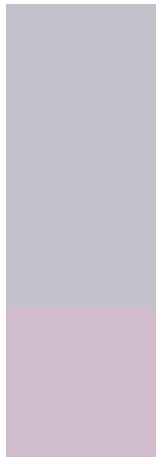


This preview shows how white text looks on a background with the XYZ color 52.3551, 54.0538,

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

52.3551, 54.0538, 64.1739

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

54.8947, 53.7360, 64.6056



Tritanopia

52.8771, 53.9400, 66.6560

Trichromacy



Original Color

52.3551, 54.0538, 64.1739

Protanomaly

52.3551, 54.0538, 64.1739

Deuteranomaly

53.9411, 53.8831, 64.6842

Tritanomaly

52.7552, 53.8913, 66.0141

Monochromacy



Original Color

52.3551, 54.0538, 64.1739

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9905, 54.2629, 61.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3551, 54.0538, 64.1739 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(195, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 203)  
}
```

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(195, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.3551, 54.0538, 64.1739 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(195, 193, 203) }
```


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

```
.border{ border-color:rgb(195, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3551, 54.0538, 64.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 203) }
```

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

```
.background{ background-color: rgb(195,  
193, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor