

Converting Colors

XYZ(52.2295, 53.8114, 62.4317)

Have a look what the booklet for
XYZ(52.2295, 53.8114, 62.4317)
contains.

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Color

**XYZ(52.0399, 53.6052,
62.2476)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0C8
RGB	196, 192, 200
RGB Percent	77%, 75%, 78%
CMY	0.2314, 0.2470, 0.2157
CMYK	0.02, 0.04, 0.00, 0.22
HSL	270°, 7%, 77%
HSV	270°, 4%, 78%
XYZ	52.0399, 53.6052, 62.2476
YIQ	194.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

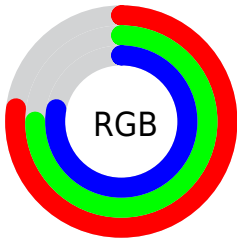
Format	Color
R_{YB}	196, 192, 200
Decimal	12894408
CIE Lab	78.23, 2.88, -3.52
CIE LCh	78, 4.548, 309.215
Yxy	53.6052, 0.3100, 0.3193
Android (android.graphics.Color)	4291084488 (0xFFC4C0C8)
YUV	194.1080, 2.9048, 1.6593
Hunter-Lab	73.2156, -1.2537, 0.8428

Details

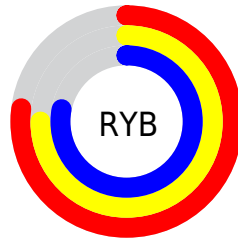
The XYZ color **52.0399, 53.6052, 62.2476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9357, 56.8515, 58.0554**, and the grayscale version is **51.3268, 53.9998, 58.8058**.

A 20% lighter version of the original color is **92.1254, 95.2374, 108.1349**, and **25.5763, 26.2913, 30.9209** is the 20% darker color. If you saturate the color by 10%, you get **45.4278, 44.1157, 60.7652**, and if you desaturate by 10%, it is **59.4254, 64.3823, 63.9393**.

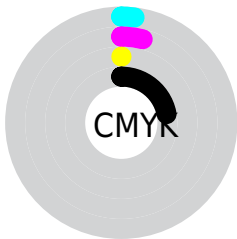
Distribution



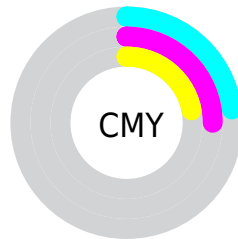
- Red (77%)
- Green (75%)
- Blue (78%)



- Red (77%)
- Yellow (75%)
- Blue (78%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0399, 53.6052, 62.2476 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 52.0399, 53.6052, 62.2476 by changing the saturation by 10% instead.

■ 52.0399, 53.6052,
62.2476

■ 52.0399, 53.6052,
62.2476

384.9121,
400.6027, 450.8662

■ 37.2613, 38.2861,
44.7957

■ 92.3640, 95.4943,
109.6584

■ 25.5845, 26.2048,
30.9548

118.6401,
122.8331, 140.4543

■ 16.6441, 16.9769,
20.3062

149.4795,
154.9473, 176.5354

■ 10.0748, 10.2180,
12.4316

185.2474,
192.2213, 218.3201

■ 5.5112, 5.5438,
6.9122

226.3093,
235.0394, 266.2270

■ 2.5880, 2.5697,
3.3296

273.0305,

■ 0.9399, 0.9115,

283.7861, 320.6746

1.2653

325.7763,
338.8458, 382.0815

■ 0.0000, 0.0000,
0.0331

■ 0.0000, 0.0000,
0.0000

■ 52.0399, 53.6052,
62.2476

■ 52.0399, 53.6052,
62.2476

■ 45.4278, 44.1157,
60.7652

■ 59.4254, 64.3823,
63.9393

■ 39.5572, 35.8573,
59.4806

■ 67.6054, 76.4867,
65.8446

■ 34.4007, 28.7796,
58.3863

■ 76.6062, 89.9654,
67.9718

■ 29.9272, 22.8257,
57.4728

■ 80.7840, 93.5264,
68.4390

■ 26.1033, 17.9342,
56.7302

■ 84.1999, 95.2873,
68.5989

■ 22.8923, 14.0375,
56.1473

■ 87.4255, 96.9502,
68.7498

■ 20.2534, 11.0598,
55.7117

■ 18.1399, 8.9140,
55.4089

■ 16.4962, 7.4950,
55.2216

Harmonies

Analogous

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



51.2247, 53.6052, 63.3403



52.0399, 53.6052, 62.2476



52.5671, 53.6052, 60.1237

Triad

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



52.0399, 53.6052, 62.2476



51.5599, 53.6052, 53.9032



49.2793, 53.6052, 59.1555

Complementary

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



52.0399, 53.6052, 62.2476



52.9357, 56.8515, 58.0554

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.



49.3667, 53.6052, 56.6448



52.0399, 53.6052, 62.2476



50.6765, 53.6052, 53.6610

Square

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



52.0399, 53.6052, 62.2476



52.2877, 53.6052, 55.3225



49.8757, 53.6052, 54.6510



49.6356, 53.6052, 61.5211

Rectangle

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



52.0399, 53.6052, 62.2476



52.6807, 53.6052, 58.4341



49.8757, 53.6052, 54.6510



49.2579, 53.6052, 58.2999

Sweetspot

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



52.0414, 53.6075, 62.2488



93.7742, 98.1427, 108.6087



51.9356, 54.9187, 62.5074



20.0850, 21.0261, 23.2498



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.



52.0414, 53.6075, 62.2488



88.8090, 90.9436, 107.4809



53.0603, 54.1328, 62.2965



11.1036, 11.3354, 13.5202



10.0707, 4.4259, 35.0679



0.5604, 0.2526, 1.6644

Inverse Universe

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



52.6348, 53.9667, 59.8699



90.1075, 91.7295, 102.2749



51.9427, 56.3396, 58.0089



11.2847, 11.4450, 12.7939



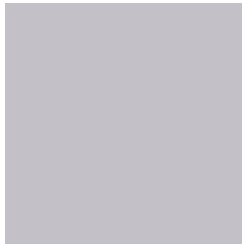
16.6544, 8.4113, 8.6560



0.8251, 0.4129, 0.6024

Previews

White Background



This preview shows how the XYZ color 52.0399, 53.6052, 62.2476 looks on a white background.

Color Contrast Check

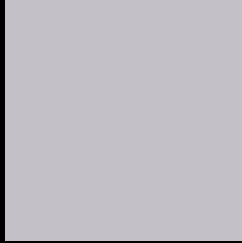
Large Text (above 18pt) WCAG AA × Fail

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 52.0399, 53.6052, 62.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

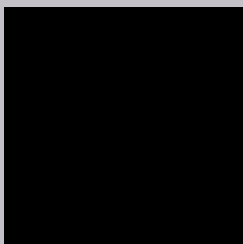
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

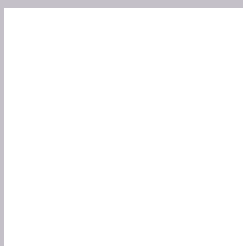
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0399, 53.6052, 62.2476

Background



This preview shows how black text looks on a background with the XYZ color 52.0399, 53.6052, 62.2476.

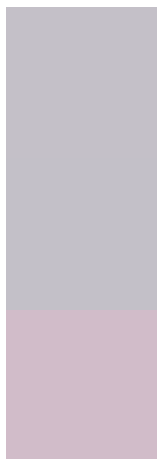


This preview shows how white text looks on a background with the XYZ color 52.0399, 53.6052,

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

52.0399, 53.6052, 62.2476

Protanopia

51.7806, 53.4715, 62.2355

Deuteranopia

54.8203, 53.7388, 62.7416



Tritanopia

52.7973, 53.5882, 65.9533

Trichromacy



Original Color

52.0399, 53.6052, 62.2476

Protanomaly

51.7806, 53.4715, 62.2355

Deuteranomaly

53.6421, 53.4496, 62.7479

Tritanomaly

52.5558, 53.4916, 64.6817

Monochromacy



Original Color

52.0399, 53.6052, 62.2476

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5394, 53.7276, 59.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0399, 53.6052, 62.2476 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(196, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 200)  
}
```

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(196, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.0399, 53.6052, 62.2476 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(196, 192, 200) }
```


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

```
.border{ border-color:rgb(196, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0399, 53.6052, 62.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 200) }
```

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

```
.background{ background-color: rgb(196,  
192, 200) }
```

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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