

Converting Colors

XYZ(51.2651, 52.8502, 62.4822)

Have a look what the booklet for
XYZ(51.2651, 52.8502, 62.4822)
contains.

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Color

**XYZ(51.4216, 52.9480,
62.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFC9
RGB	194, 191, 201
RGB Percent	76%, 75%, 79%
CMY	0.2392, 0.2510, 0.2118
CMYK	0.03, 0.05, 0.00, 0.21
HSL	258°, 8%, 77%
HSV	258°, 5%, 79%
XYZ	51.4216, 52.9480, 62.7681
YIQ	193.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

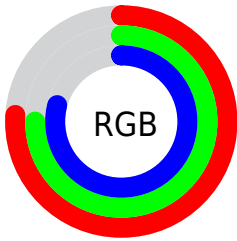
Format	Color
RYB	194, 191, 201
Decimal	12763081
CIELab	77.84, 2.92, -4.65
CIELCh	78, 5.490, 302.079
Yxy	52.9480, 0.3077, 0.3168
Android (android.graphics.Color)	4290953161 (0xFFC2BFC9)
YUV	193.0370, 3.9258, 0.8446
Hunter-Lab	72.7654, -1.1976, -0.2083

Details

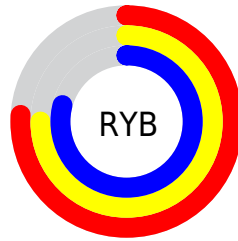
The XYZ color **51.4216, 52.9480, 62.7681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5812, 57.5420, 57.5755**, and the grayscale version is **50.6899, 53.3297, 58.0761**.

A 20% lighter version of the original color is **90.7351, 94.0655, 107.9820**, and **25.1702, 25.8590, 31.2684** is the 20% darker color. If you saturate the color by 10%, you get **43.8932, 43.0015, 61.2458**, and if you desaturate by 10%, it is **59.8967, 64.2785, 64.5092**.

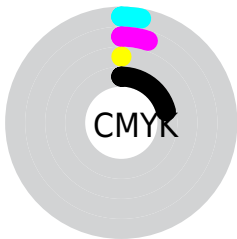
Distribution



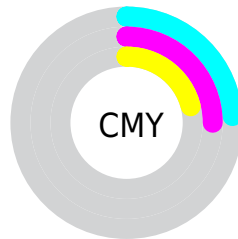
- Red (76%)
- Green (75%)
- Blue (79%)



- Red (76%)
- Yellow (75%)
- Blue (79%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4216, 52.9480, 62.7681 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 51.4216, 52.9480, 62.7681 by changing the saturation by 10% instead.

■ 51.4216, 52.9480,
62.7681

■ 51.4216, 52.9480,
62.7681

382.5603,
398.0856, 452.8121

■ 36.7667, 37.7613,
45.2138

■ 91.4570, 94.5278,
110.4172

■ 25.1997, 25.7974,
31.2817

117.5681,
121.6897, 141.3492

■ 16.3554, 16.6722,
20.5532

148.2286,
153.6121, 177.5774

■ 9.8685, 10.0010,
12.6097

183.8040,
190.6795, 219.5205

■ 5.3734, 5.3996,
7.0328

224.6594,
233.2761, 267.5970

■ 2.5050, 2.4836,
3.4039

271.1604,

■ 0.8978, 0.8684,

281.7863, 322.2254

1.3044

323.6723,
336.5947, 383.8243

■ 0.0000, 0.0000,
0.0654

■ 0.0000, 0.0000,
0.0000

■ 51.4216, 52.9480,
62.7681

■ 51.4216, 52.9480,
62.7681

■ 43.8932, 43.0015,
61.2458

■ 59.8967, 64.2785,
64.5092

■ 37.2732, 34.3786,
59.9304

■ 69.3461, 77.0369,
66.4738

■ 31.5271, 27.0245,
58.8137

■ 79.8016, 91.2733,
68.6706

■ 26.6168, 20.8780,
57.8861

■ 85.8337, 96.1161,
69.2875

■ 22.5007, 15.8725,
57.1369

■ 87.5428, 96.9971,
69.3674

■ 19.1338, 11.9348,
56.5543

■ 16.4662, 8.9833,
56.1252

■ 14.4408, 6.9235,
55.8344

■ 12.9903, 5.6417,
55.6634

Harmonies

Analogous

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



50.3999, 52.9480, 63.7170



51.4216, 52.9480, 62.7681



52.1578, 52.9480, 60.4432

Triad

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



51.4216, 52.9480, 62.7681



51.2911, 52.9480, 52.6200



48.3054, 52.9480, 57.8645

Complementary

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



51.4216, 52.9480, 62.7681



53.5812, 57.5420, 57.5755

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.



48.5365, 52.9480, 54.9469



51.4216, 52.9480, 62.7681



50.2512, 52.9480, 51.9834

Square

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



51.4216, 52.9480, 62.7681



52.0817, 52.9480, 54.5905



49.2451, 52.9480, 52.8206



48.6092, 52.9480, 60.8245

Rectangle

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



51.4216, 52.9480, 62.7681



52.3824, 52.9480, 58.4638



49.2451, 52.9480, 52.8206



48.3231, 52.9480, 56.8465

Sweetspot

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



51.4231, 52.9503, 62.7693



93.5881, 98.0467, 108.6000



52.2625, 55.7595, 63.2673



20.0471, 21.0066, 23.2480



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.



51.4231, 52.9503, 62.7693



86.5298, 88.6482, 107.1579



52.6841, 53.6003, 62.8283



10.8187, 11.0589, 13.4819



7.8920, 3.3027, 34.9659



0.4480, 0.1947, 1.6591

Inverse Universe

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



52.9131, 53.7587, 61.0162



89.6320, 90.3317, 103.4940



52.3272, 56.8956, 57.5169



11.2391, 11.2871, 12.9844



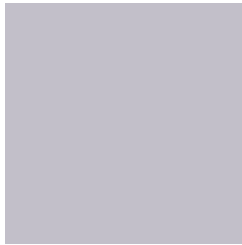
18.1980, 9.0287, 16.7842



0.8926, 0.4399, 0.9574

Previews

White Background



This preview shows how the XYZ color 51.4216, 52.9480, 62.7681 looks on a white background.

Color Contrast Check

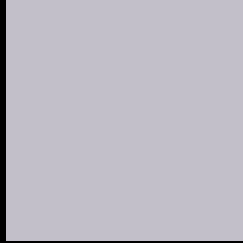
Large Text (above 18pt) WCAG AA × Fail

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 51.4216, 52.9480, 62.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

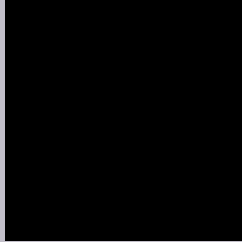
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

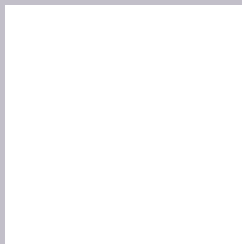
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4216, 52.9480, 62.7681

Background



This preview shows how black text looks on a background with the XYZ color 51.4216, 52.9480, 62.7681.

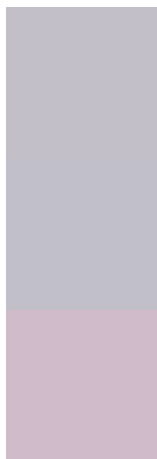


This preview shows how white text looks on a background with the XYZ color 51.4216, 52.9480,

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

51.4216, 52.9480, 62.7681

Protanopia

51.1657, 52.8161, 62.7561

Deuteranopia

54.1631, 53.0703, 63.2660



Tritanopia

51.9386, 52.8368, 65.2187

Trichromacy



Original Color

51.4216, 52.9480, 62.7681

Protanomaly

51.1657, 52.8161, 62.7561

Deuteranomaly

53.0010, 52.7873, 63.2726

Tritanomaly

51.8182, 52.7886, 64.5849

Monochromacy



Original Color

51.4216, 52.9480, 62.7681

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8058, 53.0223, 59.7811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4216, 52.9480, 62.7681 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(194, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 201)  
}
```

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(194, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.4216, 52.9480, 62.7681 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(194, 191, 201) }
```


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

```
.border{ border-color:rgb(194, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4216, 52.9480, 62.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 201) }
```

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

```
.background{ background-color: rgb(194,  
191, 201) }
```

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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