

Converting Colors

XYZ(51.2815, 52.4272, 68.3894)

Have a look what the booklet for
XYZ(51.2815, 52.4272, 68.3894)
contains.

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Color

**XYZ(51.2815, 52.4272,
68.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BEBED2</code>
RGB	190, 190, 210
RGB Percent	75%, 75%, 82%
CMY	0.2549, 0.2549, 0.1765
CMYK	0.10, 0.10, 0.00, 0.18
HSL	240°, 18%, 78%
HSV	240°, 10%, 82%
XYZ	51.2815, 52.4272, 68.3894
YIQ	192.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

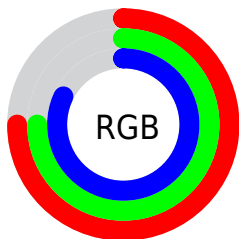
Format	Color
R _Y B	190, 190, 210
Decimal	12500690
CIE Lab	77.54, 3.88, -10.01
CIE LCh	78, 10.736, 291.164
Yxy	52.4272, 0.2980, 0.3046
Android (android.graphics.Color)	4290690770 (0xFFBEBED2)
YUV	192.2800, 8.7360, -1.9996
Hunter-Lab	72.4066, -0.2902, -5.3159

Details

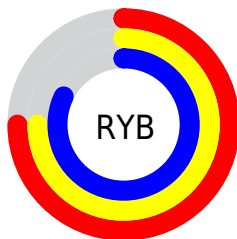
The XYZ color **51.2815, 52.4272, 68.3894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9194, 63.5120, 57.8698**, and the grayscale version is **50.2210, 52.8364, 57.5388**.

A 20% lighter version of the original color is **89.0118, 92.7244, 107.8139**, and **25.2629, 25.6100, 35.0642** is the 20% darker color. If you saturate the color by 10%, you get **42.1848, 41.4670, 66.7541**, and if you desaturate by 10%, it is **61.7922, 65.0917, 70.2807**.

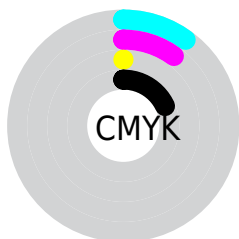
Distribution



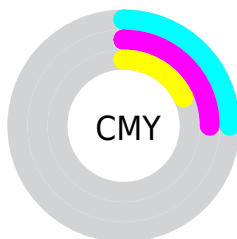
- Red (75%)
- Green (75%)
- Blue (82%)



- Red (75%)
- Yellow (75%)
- Blue (82%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2815, 52.4272, 68.3894 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 51.2815, 52.4272, 68.3894 by changing the saturation by 10% instead.

■ 51.2815, 52.4272,
68.3894

■ 51.2815, 52.4272,
68.3894

382.0262,
396.0836, 473.5099

■ 36.6546, 37.3457,
49.7459

■ 91.2513, 93.7610,
118.5685

■ 25.1127, 25.4753,
34.8418

117.3249,
120.7820, 150.9412

■ 16.2902, 16.4315,
23.2585

147.9448,
152.5517, 188.7274

■ 9.8219, 9.8300,
14.5774

183.4763,
189.4544, 232.3457

■ 5.3424, 5.2864,
8.3800

224.2849,
231.8746, 282.2145

■ 2.4863, 2.4163,
4.2478

270.7358,

■ 0.8884, 0.8342,

280.1966, 338.7525

1.7623

323.1944,
334.8048, 402.3781

■ 0.0000, 0.0000,
0.4029

■ 0.0000, 0.0000,
0.0000

■ 51.2815, 52.4272,
68.3894

■ 51.2815, 52.4272,
68.3894

■ 42.1848, 41.4670,
66.7541

■ 61.7922, 65.0917,
70.2807

■ 34.4375, 32.1322,
65.3607

■ 73.7686, 79.5219,
72.4348

■ 27.9766, 24.3474,
64.1986

■ 87.2658, 95.7843,
74.8624

■ 22.7326, 18.0287,
63.2553

■ 88.6330, 97.4332,
75.1086

■ 18.6294, 13.0844,
62.5173

■ 15.5820, 9.4124,
61.9691

■ 13.4941, 6.8963,
61.5935

■ 12.2513, 5.3986,
61.3699

■ 11.6567, 4.6820,
61.2629

Harmonies

Analogous

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



49.2215, 52.4272, 69.1066



51.2815, 52.4272, 68.3894



52.9959, 52.4272, 64.5360

Triad

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



51.2815, 52.4272, 68.3894



52.3687, 52.4272, 48.6566



45.9996, 52.4272, 55.3509

Complementary

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



51.2815, 52.4272, 68.3894



58.9194, 63.5120, 57.8698

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.



46.7936, 52.4272, 50.2295



51.2815, 52.4272, 68.3894



50.4445, 52.4272, 46.5440

Square

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



51.2815, 52.4272, 68.3894



53.6356, 52.4272, 53.0665



48.4071, 52.4272, 47.0992



46.2097, 52.4272, 61.2999

Rectangle

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



51.2815, 52.4272, 68.3894



53.6937, 52.4272, 60.8448



48.4071, 52.4272, 47.0992



46.1571, 52.4272, 53.4821

Sweetspot

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



51.2831, 52.4294, 68.3906



89.8996, 93.7943, 107.9736



55.8740, 61.6778, 69.7162



18.9551, 19.7299, 23.0592



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.



51.2831, 52.4294, 68.3906



77.1693, 78.4557, 105.6840



53.7777, 53.7146, 68.5071



11.1639, 11.4180, 14.8591



7.0961, 2.8389, 37.3664



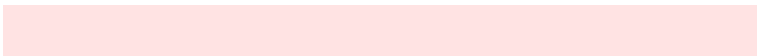
0.3968, 0.1588, 2.0893

Inverse Universe

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



54.2873, 54.2474, 56.3273



82.5542, 81.7143, 84.0610



56.2503, 62.1371, 57.7451



11.8088, 11.8083, 12.2692



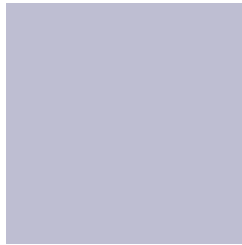
16.2125, 8.3578, 0.7594



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 51.2815, 52.4272, 68.3894 looks on a white background.

Color Contrast Check

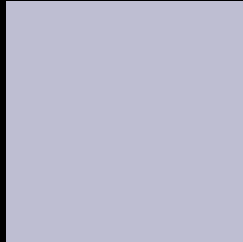
Large Text (above 18pt) WCAG AA × Fail

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 51.2815, 52.4272, 68.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

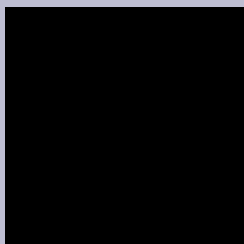
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2815, 52.4272, 68.3894

Background



This preview shows how black text looks on a background with the XYZ color 51.2815, 52.4272, 68.3894.

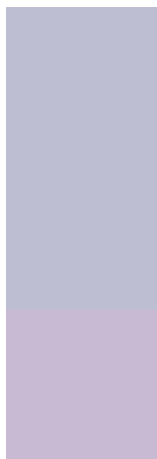


This preview shows how white text looks on a background with the XYZ color 51.2815, 52.4272,

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

51.2815, 52.4272, 68.3894

Protanopia

51.0326, 52.2989, 68.3778

Deuteranopia

53.4042, 52.2385, 68.8963



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

51.2815, 52.4272, 68.3894

Protanomaly

51.0326, 52.2989, 68.3778

Deuteranomaly

52.5542, 52.1141, 68.9171

Tritanomaly

50.8796, 52.5854, 66.4998

Monochromacy



Original Color

51.2815, 52.4272, 68.3894

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4255, 52.4615, 61.5012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2815, 52.4272, 68.3894 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(190, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 210)  
}
```

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(190, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 210) }
```

Border

The CSS property to change the border of an element to XYZ 51.2815, 52.4272, 68.3894 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(190, 190, 210) }
```


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

```
.border{ border-color:rgb(190, 190, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2815, 52.4272, 68.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 210) }
```

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

```
.background{ background-color: rgb(190,  
190, 210) }
```

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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