

Converting Colors

XYZ(52.5344, 51.2396, 80.1409)

Have a look what the booklet for
XYZ(52.5344, 51.2396, 80.1409)
contains.

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Color

**XYZ(52.4493, 51.1911,
79.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB9E3
RGB	190, 185, 227
RGB Percent	75%, 73%, 89%
CMY	0.2549, 0.2745, 0.1098
CMYK	0.16, 0.19, 0.00, 0.11
HSL	247°, 43%, 81%
HSV	247°, 19%, 89%
XYZ	52.4493, 51.1911, 79.7895
YIQ	191.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

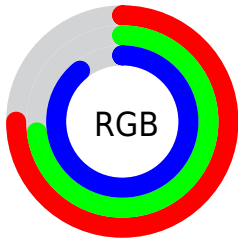
Format	Color
RYB	190, 185, 227
Decimal	12499427
CIELab	76.79, 10.14, -20.32
CIELCh	77, 22.709, 296.510
Yxy	51.1911, 0.2859, 0.2791
Android (android.graphics.Color)	4290689507 (0xFFBEB9E3)
YUV	191.2830, 17.6085, -1.1252
Hunter-Lab	71.5480, 5.6432, -16.0360

Details

The XYZ color **52.4493, 51.1911, 79.7895** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.3518, 73.9718, 56.6821**, and the grayscale version is **49.5921, 52.1748, 56.8183**.

A 20% lighter version of the original color is **87.8631, 89.9048, 107.3302**, and **25.8510, 24.7153, 42.4378** is the 20% darker color. If you saturate the color by 10%, you get **43.4176, 40.0405, 78.1141**, and if you desaturate by 10%, it is **62.9277, 64.2155, 81.7520**.

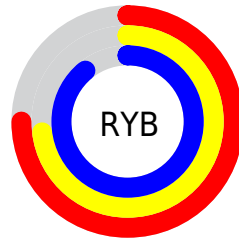
Distribution



Red (75%)

Green (73%)

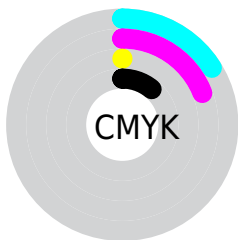
Blue (89%)



Red (75%)

Yellow (73%)

Blue (89%)

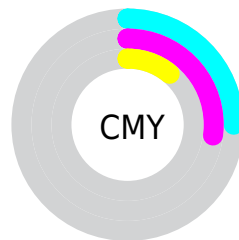


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4493, 51.1911, 79.7895 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 52.4493, 51.1911, 79.7895 by changing the saturation by 10% instead.

■ 52.4493, 51.1911,
79.7895

■ 52.4493, 51.1911,
79.7895

386.4642,
391.3058, 513.9112

■ 37.5890, 36.3607,
59.0200

■ 92.9638, 91.9372,
134.8785

■ 25.8397, 24.7129,
42.2091

119.3488,
118.6217, 170.0350

■ 16.8358, 15.8633,
28.9383

150.3061,
150.0263, 210.8243

■ 10.2120, 9.4275,
18.7889

186.2010,
186.5355, 257.6649

■ 5.6031, 5.0210,
11.3426

227.3989,
228.5337, 310.9754

■ 2.6436, 2.2596,
6.1807

274.2652,

■ 0.9682, 0.7522,

276.4052, 371.1742

2.8847

327.1652,
330.5344, 438.6800

■ 0.0000, 0.0000,
1.0361

■ 0.0000, 0.0000,
0.0000

■ 52.4493, 51.1911,
79.7895

■ 52.4493, 51.1911,
79.7895

■ 43.4176, 40.0405,
78.1141

■ 62.9277, 64.2155,
81.7520

■ 35.7643, 30.6713,
76.7090

■ 74.9077, 79.1879,
84.0106

■ 29.4224, 22.9927,
75.5611

■ 88.4471, 96.1862,
86.5780

■ 24.3176, 16.9033,
74.6548

■ 90.8653, 98.3261,
86.8636

■ 20.3681, 12.2911,
73.9727

■ 17.4820, 9.0289,
73.4952

■ 15.5530, 6.9679,
73.1990

■ 14.4381, 5.8962,
73.0509

■ 14.3177, 5.7793,
73.0347

Harmonies

Analogous

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



48.1529, 51.1911, 82.9441



52.4493, 51.1911, 79.7895



55.8997, 51.1911, 69.8875

Triad

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



52.4493, 51.1911, 79.7895



53.3733, 51.1911, 38.1948



40.8434, 51.1911, 54.3060

Complementary

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



52.4493, 51.1911, 79.7895



66.3518, 73.9718, 56.6821

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.



42.0661, 51.1911, 43.6408



52.4493, 51.1911, 79.7895



49.1618, 51.1911, 35.2456

Square

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



52.4493, 51.1911, 79.7895



56.4549, 51.1911, 45.8013



45.0494, 51.1911, 37.0828



41.6099, 51.1911, 67.0179

Rectangle

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



52.4493, 51.1911, 79.7895



57.1676, 51.1911, 61.4605



45.0494, 51.1911, 37.0828



41.0335, 51.1911, 50.3830

Sweetspot

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



52.4509, 51.1932, 79.7906



85.5756, 88.1563, 107.1133



60.0221, 68.1574, 82.6660



18.1053, 18.6053, 22.8869



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.



52.4509, 51.1932, 79.7906



63.7867, 61.0822, 103.0359



58.0511, 54.0802, 80.0527



13.7414, 13.9689, 18.1164



8.4006, 3.3966, 42.5960



0.6735, 0.2782, 3.1502

Inverse Universe

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



62.2139, 56.3048, 76.6981



78.6339, 68.8582, 98.2166



60.3419, 70.8735, 56.4008



14.9174, 14.5841, 17.7653



24.5827, 11.9673, 33.0272



1.8376, 0.8927, 2.5511

Previews

White Background



This preview shows how the XYZ color 52.4493, 51.1911, 79.7895 looks on a white background.

Color Contrast Check

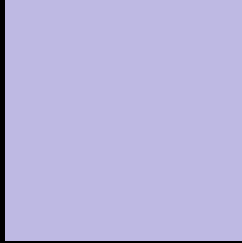
Large Text (above 18pt) WCAG AA × Fail

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 52.4493, 51.1911, 79.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

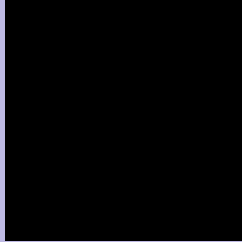
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4493, 51.1911, 79.7895

Background



This preview shows how black text looks on a background with the XYZ color 52.4493, 51.1911, 79.7895.



This preview shows how white text looks on a background with the XYZ color 52.4493, 51.1911,

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

52.4493, 51.1911, 79.7895

Protanopia

51.1821, 51.4473, 81.3615

Deuteranopia

52.2004, 51.0628, 79.7779



Tritanopia

49.3464, 51.1939, 64.4073

Trichromacy



Original Color

52.4493, 51.1911, 79.7895

Protanomaly

51.5411, 51.3324, 80.5904

Deuteranomaly

52.2004, 51.0628, 79.7779

Tritanomaly

50.3604, 51.2847, 69.5320

Monochromacy



Original Color

52.4493, 51.1911, 79.7895

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5825, 51.8312, 64.4652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4493, 51.1911, 79.7895 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, 185, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 227)  
}
```

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, 185, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 227) }
```

Border

The CSS property to change the border of an element to XYZ 52.4493, 51.1911, 79.7895 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, 185, 227) }
```


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

```
.border{ border-color:rgb(190, 185, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 227);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4493, 51.1911, 79.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 227) }
```

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

```
.background{ background-color: rgb(190,  
185, 227) }
```

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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