

Converting Colors

XYZ(55.8029, 52.2815, 78.5032)

Have a look what the booklet for
XYZ(55.8029, 52.2815, 78.5032)
contains.

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Color

**XYZ(55.7009, 52.2824,
78.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB7E1
RGB	205, 183, 225
RGB Percent	80%, 72%, 88%
CMY	0.1961, 0.2823, 0.1176
CMYK	0.09, 0.19, 0.00, 0.12
HSL	271°, 41%, 80%
HSV	271°, 19%, 88%
XYZ	55.7009, 52.2824, 78.3899
YIQ	194.3660, -0.3700, 17.7260

Conversions

Conversions Part 2

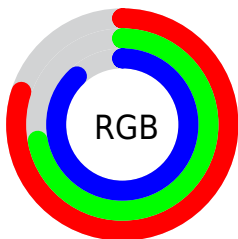
Format	Color
R_{YB}	205, 183, 225
Decimal	13481953
CIE _{Lab}	77.45, 15.62, -18.13
CIE _{LCh}	77, 23.932, 310.743
Yxy	52.2824, 0.2989, 0.2805
Android (android.graphics.Color)	4291672033 (0xFFCDB7E1)
YUV	194.3660, 15.1026, 9.3260
Hunter-Lab	72.3066, 10.9698, -13.6636

Details

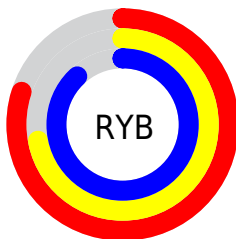
The XYZ color **55.7009, 52.2824, 78.3899** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.1030, 69.9672, 55.1396**, and the grayscale version is **51.4098, 54.0871, 58.9009**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.0008, 25.4469, 41.4661** is the 20% darker color. If you saturate the color by 10%, you get **48.5710, 42.2605, 76.8321**, and if you desaturate by 10%, it is **63.7783, 63.8967, 80.2068**.

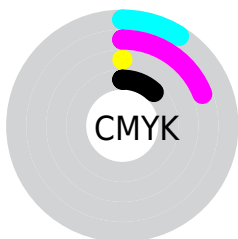
Distribution



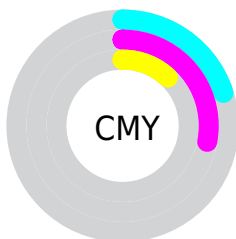
- Red (80%)
- Green (72%)
- Blue (88%)



- Red (80%)
- Yellow (72%)
- Blue (88%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7009, 52.2824, 78.3899 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 55.7009, 52.2824, 78.3899 by changing the saturation by 10% instead.

■ 55.7009, 52.2824,
78.3899

■ 55.7009, 52.2824,
78.3899

398.6567,
395.5259, 509.0529

■ 40.1992, 37.2302,
57.8760

■ 97.7095, 93.5476,
132.8905

■ 27.8788, 25.3858,
41.2949

124.9471,
120.5294, 167.7142

■ 18.3743, 16.3647,
28.2282

156.8274,
152.2565, 208.1450

■ 11.3204, 9.7826,
18.2572

193.7157,
189.1134, 254.6013

■ 6.3516, 5.2551,
10.9634

235.9775,
231.4843, 307.5017

■ 3.1027, 2.3977,
5.9284

283.9780,

■ 1.2083, 0.8247,

279.7538, 367.2647

2.7335

338.0826,
334.3062, 434.3090

■ 0.1129, 0.0000,
0.9602

■ 0.0000, 0.0000,
0.0000

■ 55.7009, 52.2824,
78.3899

■ 55.7009, 52.2824,
78.3899

■ 48.5710, 42.2605,
76.8321

■ 63.7783, 63.8967,
80.2068

■ 42.3446, 33.7521,
75.5180

■ 72.8351, 77.1645,
82.2904

■ 36.9811, 26.6810,
74.4358

■ 82.9076, 92.1516,
84.6523

■ 32.4346, 20.9620,
73.5715

■ 88.0131, 96.8875,
85.2973

■ 28.6544, 16.5002,
72.9095

■ 90.5908, 98.2163,
85.4179

■ 25.5834, 13.1880,
72.4321

■ 23.1547, 10.8989,
72.1183

■ 21.2698, 9.4434,
71.9367

■ 21.0418, 9.2774,
71.9167

Harmonies

Analogous

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



51.3623, 52.2824, 85.6631



55.7009, 52.2824, 78.3899



58.5325, 52.2824, 65.7094

Triad

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



55.7009, 52.2824, 78.3899



52.6717, 52.2824, 36.1800



41.4887, 52.2824, 61.7873

Complementary

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



55.7009, 52.2824, 78.3899



60.1030, 69.9672, 55.1396

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.



41.7912, 52.2824, 48.9636



55.7009, 52.2824, 78.3899



48.0600, 52.2824, 35.4643

Square

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



55.7009, 52.2824, 78.3899



56.7103, 52.2824, 41.9235



44.1332, 52.2824, 39.7892



43.2796, 52.2824, 75.1398

Rectangle

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



55.7009, 52.2824, 78.3899



59.0862, 52.2824, 56.5983



44.1332, 52.2824, 39.7892



41.3519, 52.2824, 57.2562

Sweetspot

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



55.7025, 52.2846, 78.3911



87.7319, 89.2679, 107.2142



54.5479, 58.3593, 79.6244



18.6140, 18.8675, 22.9107



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.



55.7025, 52.2846, 78.3911



70.5355, 64.5613, 103.3517



61.4816, 55.2748, 78.1640



13.6337, 13.5947, 17.2932



12.2611, 5.4161, 41.4475



0.9531, 0.4286, 2.8777

Inverse Universe

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



58.7662, 54.1887, 63.8647



75.3152, 67.5308, 80.7407



55.0759, 67.3672, 55.2856



13.9777, 13.8087, 15.6526



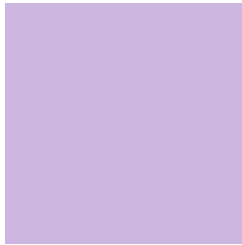
19.4852, 9.8611, 9.2210



1.3956, 0.7015, 0.8763

Previews

White Background



This preview shows how the XYZ color 55.7009, 52.2824, 78.3899 looks on a white background.

Color Contrast Check

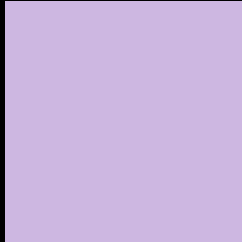
Large Text (above 18pt) WCAG AA × Fail

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 55.7009, 52.2824, 78.3899 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 55.7009, 52.2824, 78.3899

Background



This preview shows how black text looks on a background with the XYZ color 55.7009, 52.2824, 78.3899.



This preview shows how white text looks on a background with the XYZ color 55.7009, 52.2824,

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

55.7009, 52.2824, 78.3899

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.4730, 52.3918, 77.8153



Tritanopia

52.5184, 52.2224, 63.1890

Trichromacy



Original Color

55.7009, 52.2824, 78.3899

Protanomaly

53.2598, 52.2185, 80.6709

Deuteranomaly

54.3022, 52.5054, 77.7935

Tritanomaly

53.5489, 52.3275, 68.2507

Monochromacy



Original Color

55.7009, 52.2824, 78.3899

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7216, 53.2405, 65.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7009, 52.2824, 78.3899 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(205, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 225)  
}
```

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(205, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 225) }
```

Border

The CSS property to change the border of an element to XYZ 55.7009, 52.2824, 78.3899 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(205, 183, 225) }
```


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

```
.border{ border-color:rgb(205, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7009, 52.2824, 78.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 225) }
```

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

```
.background{ background-color: rgb(205,  
183, 225) }
```

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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