

Converting Colors

XYZ(53.0579, 48.8798, 78.8123)

Have a look what the booklet for
XYZ(53.0579, 48.8798, 78.8123)
contains.

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Color

**XYZ(53.0722, 48.8210,
78.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B0E2
RGB	200, 176, 226
RGB Percent	78%, 69%, 89%
CMY	0.2157, 0.3098, 0.1137
CMYK	0.12, 0.22, 0.00, 0.11
HSL	269°, 46%, 79%
HSV	269°, 22%, 89%
XYZ	53.0722, 48.8210, 78.5777
YIQ	188.8760, -1.7460, 20.6380

Conversions

Conversions Part 2

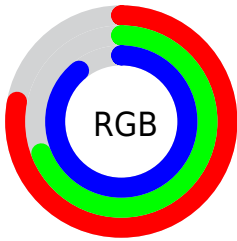
Format	Color
R_{YB}	200, 176, 226
Decimal	13152482
CIE _{Lab}	75.34, 18.02, -21.91
CIE _{LCh}	75, 28.373, 309.439
Yxy	48.8210, 0.2941, 0.2705
Android (android.graphics.Color)	4291342562 (0xFFC8B0E2)
YUV	188.8760, 18.3021, 9.7557
Hunter-Lab	69.8720, 13.3059, -17.7668

Details

The XYZ color **53.0722, 48.8210, 78.5777** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.3916, 70.0851, 51.4741**, and the grayscale version is **48.1997, 50.7098, 55.2230**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **26.2877, 23.2172, 41.6239** is the 20% darker color. If you saturate the color by 10%, you get **45.9857, 39.1292, 77.0813**, and if you desaturate by 10%, it is **61.1408, 60.1167, 80.3335**.

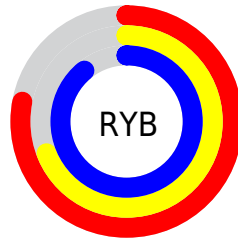
Distribution



Red (78%)

Green (69%)

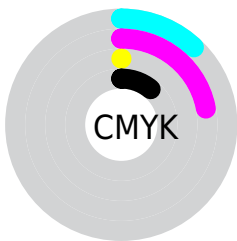
Blue (89%)



Red (78%)

Yellow (69%)

Blue (89%)

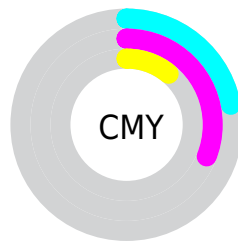


Cyan (12%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0722, 48.8210, 78.5777 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 53.0722, 48.8210, 78.5777 by changing the saturation by 10% instead.

■ 53.0722, 48.8210,
78.5777

■ 53.0722, 48.8210,
78.5777

388.8184,
382.0372, 509.7064

■ 38.0881, 34.4775,
58.0294

■ 93.8755, 88.4255,
133.1574

■ 26.2286, 23.2607,
41.4174

120.4254,
114.4554, 168.0260

■ 17.1283, 14.7861,
28.3232

151.5614,
145.1495, 208.5050

■ 10.4219, 8.6694,
18.3283

187.6486,
180.8922, 255.0130

■ 5.7440, 4.5262,
11.0141

229.0526,
222.0679, 307.9687

■ 2.7292, 1.9720,
5.9620

276.1387,

■ 1.0122, 0.5912,

269.0611, 367.7904

2.7536

329.2722,
322.2560, 434.8968

■ 0.0000, 0.0000,
0.9702

■ 0.0000, 0.0000,
0.0000

■ 53.0722, 48.8210,
78.5777

■ 53.0722, 48.8210,
78.5777

■ 45.9857, 39.1292,
77.0813

■ 61.1408, 60.1167,
80.3335

■ 39.8347, 30.9592,
75.8285

■ 70.2259, 73.0806,
82.3569

■ 34.5757, 24.2312,
74.8070

■ 80.3662, 87.7813,
84.6600

■ 30.1593, 18.8551,
74.0021

■ 87.8495, 96.7873,
86.0039

■ 26.5306, 14.7302,
73.3972

■ 90.7276, 98.2710,
86.1386

■ 23.6275, 11.7414,
72.9733

■ 21.3760, 9.7503,
72.7076

■ 19.9701, 8.7092,
72.5808

Harmonies

Analogous

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



48.0677, 48.8210, 86.8359



53.0722, 48.8210, 78.5777



56.4441, 48.8210, 63.9002

Triad

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



53.0722, 48.8210, 78.5777



50.0161, 48.8210, 30.5392



37.1934, 48.8210, 58.0105

Complementary

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



53.0722, 48.8210, 78.5777



59.3916, 70.0851, 51.4741

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.



37.6293, 48.8210, 43.6923



53.0722, 48.8210, 78.5777



44.7769, 48.8210, 29.5540

Square

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



53.0722, 48.8210, 78.5777



54.5900, 48.8210, 36.9150



40.3171, 48.8210, 33.9127



39.0783, 48.8210, 73.5785

Rectangle

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



53.0722, 48.8210, 78.5777



57.1749, 48.8210, 53.4394



40.3171, 48.8210, 33.9127



37.0767, 48.8210, 52.8771

Sweetspot

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



53.0737, 48.8230, 78.5788



86.2847, 87.4171, 106.9332



52.9110, 57.2775, 80.2192



18.3135, 18.4899, 22.8536



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.



53.0737, 48.8230, 78.5788



64.9132, 57.4917, 102.2834



60.0981, 52.4442, 78.9075



13.5749, 13.5644, 17.2904



11.5284, 5.0384, 41.4133



0.9021, 0.4023, 2.8754

Inverse Universe

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



57.5516, 51.4857, 62.7837



72.0091, 61.7125, 77.1908



53.3182, 66.9542, 51.1898



14.0034, 13.8190, 15.7881



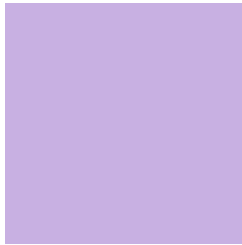
19.8030, 9.9882, 10.8945



1.4178, 0.7104, 0.9932

Previews

White Background



This preview shows how the XYZ color 53.0722, 48.8210, 78.5777 looks on a white background.

Color Contrast Check

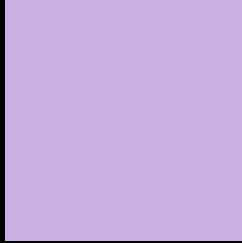
Large Text (above 18pt) WCAG AA × Fail

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 53.0722, 48.8210, 78.5777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

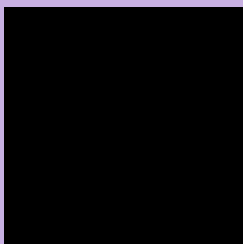
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0722, 48.8210, 78.5777

Background



This preview shows how black text looks on a background with the XYZ color 53.0722, 48.8210, 78.5777.



This preview shows how white text looks on a background with the XYZ color 53.0722, 48.8210,

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

53.0722, 48.8210, 78.5777

Protanopia

49.0199, 49.0492, 82.4851

Deuteranopia

50.0857, 49.0825, 78.0682



Tritanopia

48.9934, 48.6354, 59.0299

Trichromacy



Original Color

53.0722, 48.8210, 78.5777

Protanomaly

50.1952, 48.7722, 80.8971

Deuteranomaly

51.1471, 49.0259, 78.0014

Tritanomaly

50.4085, 48.6155, 65.7584

Monochromacy



Original Color

53.0722, 48.8210, 78.5777

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.7935, 49.8827, 62.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0722, 48.8210, 78.5777 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(200, 176, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 176, 226)  
}
```

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(200, 176, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 176, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.0722, 48.8210, 78.5777 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(200, 176, 226) }
```


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

```
.border{ border-color:rgb(200, 176, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 176, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 176, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 176, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 176,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0722, 48.8210, 78.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 176, 226) }
```

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

```
.background{ background-color: rgb(200,  
176, 226) }
```

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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