

Converting Colors

XYZ(52.0276, 45.6276, 90.2292)

Have a look what the booklet for
XYZ(52.0276, 45.6276, 90.2292)
contains.

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Color

**XYZ(52.0220, 45.7535,
90.0939)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A8F2
RGB	193, 168, 242
RGB Percent	76%, 66%, 95%
CMY	0.2431, 0.3412, 0.0510
CMYK	0.20, 0.31, 0.00, 0.05
HSL	260°, 74%, 80%
HSV	260°, 31%, 95%
XYZ	52.0220, 45.7535, 90.0939
YIQ	183.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

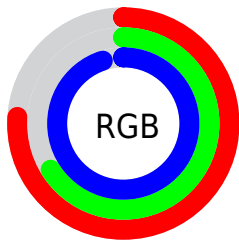
Format	Color
R_{YB}	193, 168, 242
Decimal	12691698
CIE _{Lab}	73.39, 23.71, -33.65
CIE _{LCh}	73, 41.167, 305.175
Yxy	45.7535, 0.2769, 0.2435
Android (android.graphics.Color)	4290881778 (0xFFC1A8F2)
YUV	183.9110, 28.6379, 7.9711
Hunter-Lab	67.6413, 18.9095, -31.6215

Details

The XYZ color **52.0220, 45.7535, 90.0939** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.4365, 81.0842, 49.1442**, and the grayscale version is **45.3626, 47.7250, 51.9725**.

A 20% lighter version of the original color is **83.8620, 80.3193, 105.6909**, and **25.5895, 21.4392, 49.2438** is the 20% darker color. If you saturate the color by 10%, you get **44.0973, 35.6425, 88.5607**, and if you desaturate by 10%, it is **61.2238, 57.7590, 91.9270**.

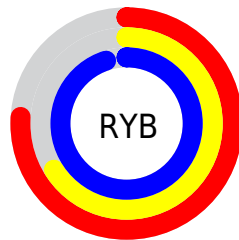
Distribution



Red (76%)

Green (66%)

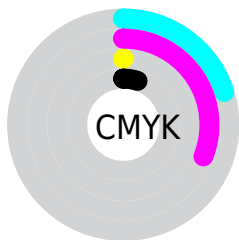
Blue (95%)



Red (76%)

Yellow (66%)

Blue (95%)

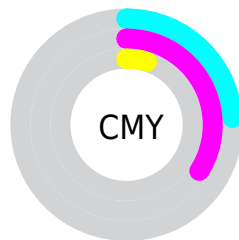


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (34%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0220, 45.7535, 90.0939 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 52.0220, 45.7535, 90.0939 by changing the saturation by 10% instead.

 52.0220, 45.7535,
90.0939


 52.0220, 45.7535,
90.0939


384.8441,
369.8168, 548.9142

 37.2470, 32.0513,
67.4844


 92.3377, 83.8500,
149.4055

 25.5733, 21.4007,
49.0143

 118.6091,
109.0131, 186.9446

 16.6357, 13.4172,
34.2651


149.4433,
138.7653, 230.2974

 10.0688, 7.7165,
22.8184


185.2057,
173.4910, 279.8823

 5.5072, 3.9141,
14.2554

226.2616,
213.5746, 336.1179

 2.5856, 1.6256,
8.1577

272.9764,

 0.9386, 0.3748,

259.4005, 399.4227

4.1068

325.7155,
311.3531, 470.2153

■ 0.0000, 0.0000,
1.6841

■ 0.0000, 0.0000,
0.3498

■ 52.0220, 45.7535,
90.0939

■ 52.0220, 45.7535,
90.0939

■ 44.0973, 35.6425,
88.5607

■ 61.2238, 57.7590,
91.9270

■ 37.3847, 27.3209,
87.3083

■ 71.7541, 71.7457,
94.0717

■ 31.8205, 20.6815,
86.3200

■ 83.6670, 87.8015,
96.5429

■ 27.3322, 15.6030,
85.5763

■ 93.0272, 99.1909,
98.2479

■ 23.8385, 11.9470,
85.0548

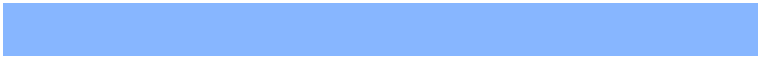
■ 21.2442, 9.5494,
84.7287

■ 19.4858, 8.1938,
84.5598

Harmonies

Analogous

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



44.7567, 45.7535, 101.0926



52.0220, 45.7535, 90.0939



57.4054, 45.7535, 68.5294

Triad

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



52.0220, 45.7535, 90.0939



49.6064, 45.7535, 21.6591



31.0294, 45.7535, 53.5059

Complementary

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



52.0220, 45.7535, 90.0939



67.4365, 81.0842, 49.1442

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.



32.0230, 45.7535, 34.8659



52.0220, 45.7535, 90.0939



42.2422, 45.7535, 19.6976

Square

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



52.0220, 45.7535, 90.0939



55.9058, 45.7535, 30.1772



35.9412, 45.7535, 23.7919



33.0592, 45.7535, 76.5363

Rectangle

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



52.0220, 45.7535, 90.0939



58.9090, 45.7535, 53.2520



35.9412, 45.7535, 23.7919



31.0235, 45.7535, 46.5345

Sweetspot

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



52.0235, 45.7554, 90.0949



82.7891, 83.4522, 106.3522



57.0758, 64.5348, 93.4535



17.3219, 17.3284, 22.6817



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.



52.0235, 45.7554, 90.0949



52.6052, 43.8627, 100.3015



62.5572, 51.1857, 90.5879



15.4006, 15.4882, 19.8994



10.5981, 4.4689, 45.4319



0.9839, 0.4245, 3.7843

Inverse Universe

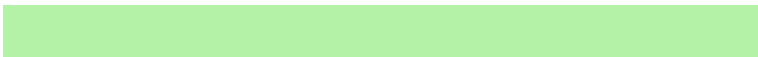
The Inverse Universe completely reimagines the original color for something new.



63.1463, 51.8939, 72.3353



67.2599, 51.9620, 76.3851



57.7215, 76.0759, 48.6895



16.2141, 15.9353, 18.6836



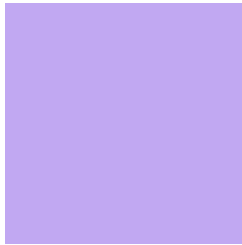
23.1579, 11.5356, 19.2800



1.9727, 0.9781, 1.8472

Previews

White Background



This preview shows how the XYZ color 52.0220, 45.7535, 90.0939 looks on a white background.

Color Contrast Check

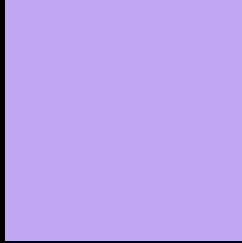
Large Text (above 18pt) WCAG AA × Fail

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 52.0220, 45.7535, 90.0939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

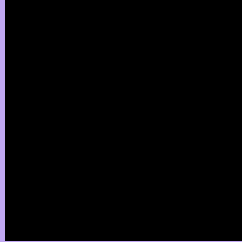
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0220, 45.7535, 90.0939

Background



This preview shows how black text looks on a background with the XYZ color 52.0220, 45.7535, 90.0939.



This preview shows how white text looks on a background with the XYZ color 52.0220, 45.7535,

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

52.0220, 45.7535, 90.0939

Protanopia

47.4738, 46.1138, 96.8412

Deuteranopia

47.1656, 46.1314, 88.8564



Tritanopia

45.2020, 45.8369, 56.3342

Trichromacy



Original Color

52.0220, 45.7535, 90.0939

Protanomaly

48.7191, 45.6454, 94.2384

Deuteranomaly

48.6924, 45.7369, 89.4808

Tritanomaly

47.2624, 45.4900, 67.2622

Monochromacy



Original Color

52.0220, 45.7535, 90.0939

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.4334, 46.8134, 64.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0220, 45.7535, 90.0939 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(193, 168, 242)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 242)  
}
```

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(193, 168, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.0220, 45.7535, 90.0939 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(193, 168, 242) }
```


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

```
.border{ border-color:rgb(193, 168, 242) }
```

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

Here you see how a box with a 4 pixel rgb(193, 168, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 168, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 168, 242);  
box-shadow:4px 4px 4px 4px rgb(193, 168,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0220, 45.7535, 90.0939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 242) }
```

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

```
.background{ background-color: rgb(193,  
168, 242) }
```

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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