

Converting Colors

XYZ(59.5977, 52.7645, 93.4750)

Have a look what the booklet for
XYZ(59.5977, 52.7645, 93.4750)
contains.

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Color

**XYZ(59.4655, 52.6817,
93.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B3F5
RGB	211, 179, 245
RGB Percent	83%, 70%, 96%
CMY	0.1725, 0.2980, 0.0392
CMYK	0.14, 0.27, 0.00, 0.04
HSL	269°, 77%, 83%
HSV	269°, 27%, 96%
XYZ	59.4655, 52.6817, 93.4206
YIQ	196.0920, -2.1140, 27.3100

Conversions

Conversions Part 2

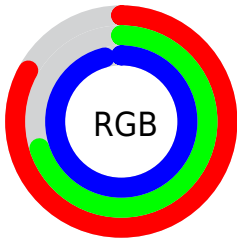
Format	Color
R _{YB}	211, 179, 245
Decimal	13874165
CIE _{Lab}	77.69, 23.82, -28.52
CIE _{LCh}	78, 37.155, 309.870
Yxy	52.6817, 0.2893, 0.2563
Android (android.graphics.Color)	4292064245 (0xFFD3B3F5)
YUV	196.0920, 24.1116, 13.0743
Hunter-Lab	72.5822, 19.2237, -25.5047

Details

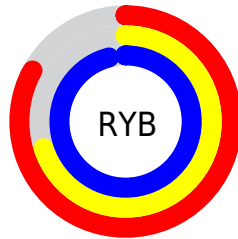
The XYZ color **59.4655, 52.6817, 93.4206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.2314, 82.7070, 55.0181**, and the grayscale version is **52.3869, 55.1151, 60.0203**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.3565, 25.6638, 51.4978** is the 20% darker color. If you saturate the color by 10%, you get **51.5098, 41.9283, 91.7651**, and if you desaturate by 10%, it is **68.5809, 65.3305, 95.3825**.

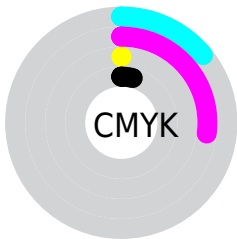
Distribution



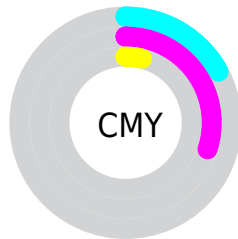
- Red (83%)
- Green (70%)
- Blue (96%)



- Red (83%)
- Yellow (70%)
- Blue (96%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4655, 52.6817, 93.4206 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 59.4655, 52.6817, 93.4206 by changing the saturation by 10% instead.

■ 59.4655, 52.6817,
93.4206

■ 59.4655, 52.6817,
93.4206

412.4912,
397.0627, 559.9509

■ 43.2358, 37.5487,
70.2315

■ 103.1647, 94.1358,
154.0575

■ 30.2655, 25.6326,
51.2373

131.3648,
121.2258, 192.3425

■ 20.1892, 16.5490,
36.0195

164.2859,
153.0702, 236.4965

■ 12.6417, 9.9135,
24.1594

202.2931,
190.0534, 286.9380

■ 7.2576, 5.3416,
15.2386

245.7519,
232.5599, 344.0857

■ 3.6715, 2.4491,
8.8386

295.0276,

■ 1.5180, 0.8510,

280.9740, 408.3581

4.5407

350.4856,
335.6802, 480.1736

■ 0.3380, 0.0000,
1.9264

■ 0.0000, 0.0000,
0.5094

■ 59.4655, 52.6817,
93.4206

■ 59.4655, 52.6817,
93.4206

■ 51.5098, 41.9283,
91.7651

■ 68.5809, 65.3305,
95.3825

■ 44.6560, 32.9680,
90.3969

■ 78.8999, 79.9570,
97.6618

■ 38.8487, 25.6988,
89.2998

■ 90.4702, 96.6463,
100.2733

■ 34.0249, 20.0050,
88.4551

■ 93.4816, 99.3726,
100.6409

■ 30.1140, 15.7562,
87.8411

■ 27.0339, 12.7994,
87.4327

■ 24.6816, 10.9408,
87.1979

■ 24.0600, 10.4994,
87.1455

Harmonies

Analogous

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



52.4792, 52.6817, 105.8641



59.4655, 52.6817, 93.4206



64.2029, 52.6817, 72.0907

Triad

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



59.4655, 52.6817, 93.4206



54.9811, 52.6817, 27.6448



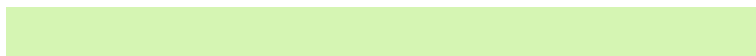
37.6526, 52.6817, 64.4179

Complementary

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



59.4655, 52.6817, 93.4206



68.2314, 82.7070, 55.0181

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.



38.1840, 52.6817, 44.7889



59.4655, 52.6817, 93.4206



47.7403, 52.6817, 26.5339

Square

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



59.4655, 52.6817, 93.4206



61.4470, 52.6817, 35.5442



41.7245, 52.6817, 32.0290



40.1960, 52.6817, 86.6622

Rectangle

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



59.4655, 52.6817, 93.4206



65.2044, 52.6817, 57.4510



41.7245, 52.6817, 32.0290



37.4837, 52.6817, 57.2719

Sweetspot

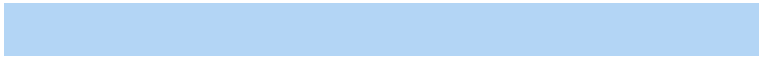
The Sweet Spot groups the original color and five complimentary colors.



59.4672, 52.6839, 93.4218



85.1227, 85.7289, 106.6686



58.8932, 63.8171, 95.6010



17.8413, 17.8099, 22.7473



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.



59.4672, 52.6839, 93.4218



60.5002, 51.4013, 101.3405



69.8765, 58.0501, 93.9089



16.3459, 16.3210, 20.8313



13.1199, 5.7379, 46.9541



1.2713, 0.5652, 4.1323

Inverse Universe

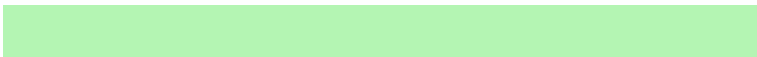
The Inverse Universe completely reimagines the original color for something new.



65.7883, 56.4590, 70.3834



68.5824, 56.2296, 71.8236



59.6366, 78.2762, 54.6159



16.8556, 16.6251, 18.9859



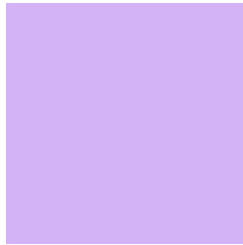
22.3928, 11.3005, 12.0426



2.0200, 1.0140, 1.3319

Previews

White Background



This preview shows how the XYZ color 59.4655, 52.6817, 93.4206 looks on a white background.

Color Contrast Check

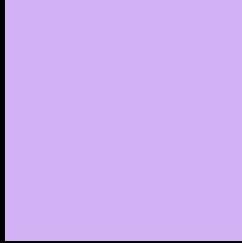
Large Text (above 18pt) WCAG AA × Fail

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 59.4655, 52.6817, 93.4206 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 59.4655, 52.6817, 93.4206

Background



This preview shows how black text looks on a background with the XYZ color 59.4655, 52.6817, 93.4206.



This preview shows how white text looks on a background with the XYZ color 59.4655, 52.6817,

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

59.4655, 52.6817, 93.4206

Protanopia

53.8223, 53.0327, 100.3281

Deuteranopia

53.9280, 52.6279, 92.1099



Tritanopia

53.3328, 52.6423, 63.2271

Trichromacy



Original Color

59.4655, 52.6817, 93.4206

Protanomaly

55.5533, 52.7113, 97.6888

Deuteranomaly

55.9262, 52.6989, 92.8122

Tritanomaly

55.5275, 52.6083, 73.5575

Monochromacy



Original Color

59.4655, 52.6817, 93.4206

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.6384, 54.0995, 71.1808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4655, 52.6817, 93.4206 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(211, 179, 245)` looks like.

```
.text, #text, p{  
    color:rgb(211, 179, 245)  
}
```

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(211, 179, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 179, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.4655, 52.6817, 93.4206 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(211, 179, 245) }
```


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

```
.border{ border-color:rgb(211, 179, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 179, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 179, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 179, 245);  
box-shadow:4px 4px 4px 4px rgb(211, 179,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4655, 52.6817, 93.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 179, 245) }
```

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

```
.background{ background-color: rgb(211,  
179, 245) }
```

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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