

Converting Colors

XYZ(65.3921, 59.1953, 91.9864)

Have a look what the booklet for
XYZ(65.3921, 59.1953, 91.9864)
contains.

XYZ(65.4918, 59.2453, 91.9881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.4918, 59.2453,
91.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BEF2
RGB	225, 190, 242
RGB Percent	88%, 75%, 95%
CMY	0.1176, 0.2549, 0.0510
CMYK	0.07, 0.21, 0.00, 0.05
HSL	280°, 67%, 85%
HSV	280°, 21%, 95%
XYZ	65.4918, 59.2453, 91.9881
YIQ	206.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

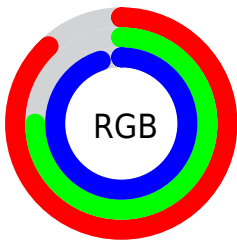
Format	Color
R _Y B	225, 190, 242
Decimal	14794482
CIE Lab	81.43, 21.68, -21.09
CIE LCh	81, 30.250, 315.791
Yxy	59.2453, 0.3022, 0.2734
Android (android.graphics.Color)	4292984562 (0xFFE1BEF2)
YUV	206.3930, 17.5543, 16.3183
Hunter-Lab	76.9710, 17.1800, -16.9779

Details

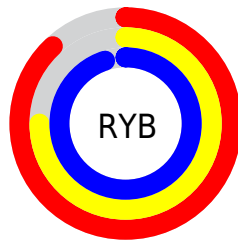
The XYZ color **65.4918, 59.2453, 91.9881** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7807, 80.4889, 60.7343**, and the grayscale version is **58.8087, 61.8713, 67.3779**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **34.0293, 29.5885, 50.3720** is the 20% darker color. If you saturate the color by 10%, you get **58.2700, 48.3779, 90.2720**, and if you desaturate by 10%, it is **73.7018, 71.9170, 94.0022**.

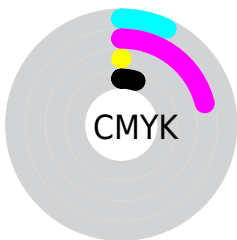
Distribution



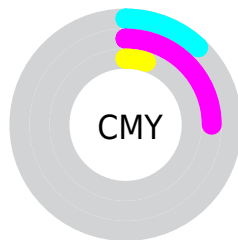
- Red (88%)
- Green (75%)
- Blue (95%)



- Red (88%)
- Yellow (75%)
- Blue (95%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)





- Cyan (12%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4918, 59.2453, 91.9881 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 65.4918, 59.2453, 91.9881 by changing the saturation by 10% instead.


 65.4918, 59.2453,
91.9881

 65.4918, 59.2453,
91.9881


434.0745,
421.8104, 555.2132

 48.1262, 42.8106,
69.0478

 111.8184,
103.7341, 152.0565

 34.1385, 29.7366,
50.2786


141.5101,
132.5570, 190.0216

 23.1634, 19.6387,
35.2621


176.0411,
166.2781, 233.8320

 14.8356, 12.1327,
23.5797

215.7769,
205.2818, 283.9063

 8.7896, 6.8341,
14.8128

261.0828,
249.9525, 340.6630

 4.6602, 3.3586,
8.5430

312.3241,

 2.0820, 1.3217,

300.6745, 404.5207

4.3516

369.8662,
357.8324, 475.8979

■ 0.6794, 0.1579,
1.8201

■ 0.0000, 0.0000,
0.4412

■ 65.4918, 59.2453,
91.9881

■ 65.4918, 59.2453,
91.9881

■ 58.2700, 48.3779,
90.2720

■ 73.7018, 71.9170,
94.0022

■ 51.9864, 39.2208,
88.8357

■ 82.9360, 86.4663,
96.3238

■ 46.5948, 31.6824,
87.6648

■ 90.7606, 98.0224,
98.1419

■ 42.0423, 25.6596,
86.7422

■ 93.0272, 99.1909,
98.2480

■ 38.2701, 21.0371,
86.0488

■ 35.2107, 17.6823,
85.5625

■ 32.7834, 15.4364,
85.2570

■ 31.1074, 14.1850,
85.1037

Harmonies

Analogous

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



59.6878, 59.2453, 104.1910



65.4918, 59.2453, 91.9881



68.9506, 59.2453, 73.4462

Triad

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



65.4918, 59.2453, 91.9881



59.3510, 59.2453, 36.2780



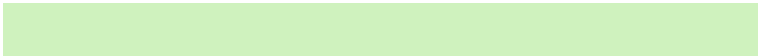
45.3941, 59.2453, 74.4645

Complementary

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



65.4918, 59.2453, 91.9881



66.7807, 80.4889, 60.7343

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.



45.3188, 59.2453, 56.3262



65.4918, 59.2453, 91.9881



53.0638, 59.2453, 36.4480

Square

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



65.4918, 59.2453, 91.9881



65.2294, 59.2453, 42.6127



48.0308, 59.2453, 43.1309



48.2448, 59.2453, 92.8529

Rectangle

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



65.4918, 59.2453, 91.9881



69.3062, 59.2453, 61.0550



48.0308, 59.2453, 43.1309



45.0509, 59.2453, 68.0889

Sweetspot

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



65.4936, 59.2478, 91.9894



88.5454, 89.6873, 107.2523



59.6582, 62.1478, 92.8567



18.8064, 18.9667, 22.9197



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.



65.4936, 59.2478, 91.9894



69.8933, 60.8645, 102.6720



69.7888, 61.6089, 85.5555



15.9228, 15.7574, 19.9239



16.8607, 7.6974, 45.7250



1.5067, 0.6940, 3.8088

Inverse Universe

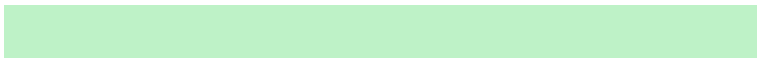
The Inverse Universe completely reimagines the original color for something new.



66.2959, 60.2118, 67.1622



71.0529, 62.1982, 69.4791



63.2596, 78.5610, 65.6625



15.9859, 15.8441, 17.4817



20.4878, 10.4675, 5.2191



1.7485, 0.8884, 0.6663

Previews

White Background



This preview shows how the XYZ color 65.4918, 59.2453, 91.9881 looks on a white background.

Color Contrast Check

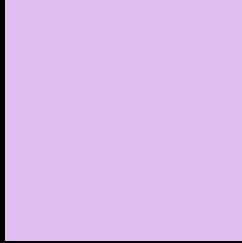
Large Text (above 18pt) WCAG AA × Fail

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 65.4918, 59.2453, 91.9881 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 65.4918, 59.2453, 91.9881

Background



This preview shows how black text looks on a background with the XYZ color 65.4918, 59.2453, 91.9881.



This preview shows how white text looks on a background with the XYZ color 65.4918, 59.2453,

91.9881.

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

65.4918, 59.2453, 91.9881

Protanopia

59.4714, 59.6892, 98.0092

Deuteranopia

60.8241, 59.5168, 90.7202



Tritanopia

61.0130, 59.3986, 69.8774

Trichromacy



Original Color

65.4918, 59.2453, 91.9881

Protanomaly

61.2294, 59.2828, 95.4044

Deuteranomaly

62.5437, 59.3781, 91.3838

Tritanomaly

62.6008, 59.3871, 77.2707

Monochromacy



Original Color

65.4918, 59.2453, 91.9881

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.8810, 60.5692, 75.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4918, 59.2453, 91.9881 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(225, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 190, 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(225, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 190, 242) }
```

Border

The CSS property to change the border of an element to XYZ 65.4918, 59.2453, 91.9881 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(225, 190, 242) }
```


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

```
.border{ border-color:rgb(225, 190, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 190, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 190, 242); box-shadow:4px 4px 4px 4px rgb(225, 190, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4918, 59.2453, 91.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 190, 242) }
```

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

```
.background{ background-color: rgb(225,  
190, 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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