

Converting Colors

XYZ(65.2166, 59.6825, 92.0000)

Have a look what the booklet for
XYZ(65.2166, 59.6825, 92.0000)
contains.

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Color

**XYZ(65.3081, 59.7981,
92.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC0F2
RGB	223, 192, 242
RGB Percent	87%, 75%, 95%
CMY	0.1255, 0.2470, 0.0510
CMYK	0.08, 0.21, 0.00, 0.05
HSL	277°, 66%, 85%
HSV	277°, 21%, 95%
XYZ	65.3081, 59.7981, 92.1045
YIQ	206.9690, 2.4260, 22.1220

Conversions

Conversions Part 2

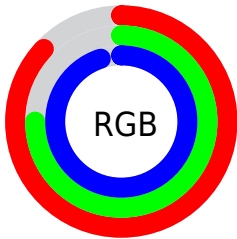
Format	Color
R _Y B	223, 192, 242
Decimal	14663922
CIE Lab	81.73, 19.97, -20.65
CIE LCh	82, 28.727, 314.036
Yxy	59.7981, 0.3007, 0.2753
Android (android.graphics.Color)	4292854002 (0xFFDFC0F2)
YUV	206.9690, 17.2703, 14.0592
Hunter-Lab	77.3292, 15.4253, -16.4881

Details

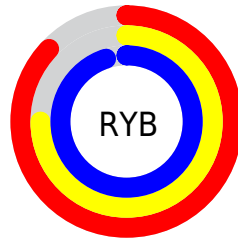
The XYZ color **65.3081, 59.7981, 92.1045** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1327, 81.1605, 61.9467**, and the grayscale version is **59.1811, 62.2631, 67.8045**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.8878, 29.9376, 50.4468** is the 20% darker color. If you saturate the color by 10%, you get **57.6687, 48.6111, 90.3487**, and if you desaturate by 10%, it is **73.9788, 72.8168, 94.1613**.

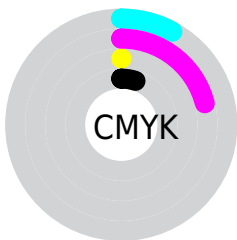
Distribution



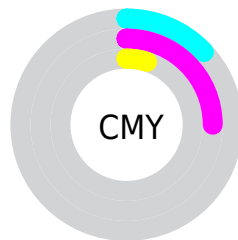
- Red (87%)
- Green (75%)
- Blue (95%)



- Red (87%)
- Yellow (75%)
- Blue (95%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3081, 59.7981, 92.1045 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 65.3081, 59.7981, 92.1045 by changing the saturation by 10% instead.

65.3081, 59.7981,
92.1045

65.3081, 59.7981,
92.1045

433.4261,
423.8532, 555.5990

47.9766, 43.2559,
69.1439

111.5559,
104.5367, 152.2192

34.0195, 30.0860,
50.3564

141.2030,
133.5020, 190.2103

23.0715, 19.9038,
35.3235

175.6859,
167.3770, 234.0488

14.7673, 12.3252,
23.6267

215.3700,
206.5463, 284.1530

8.7415, 6.9655,
14.8473

260.6208,
251.3941, 340.9416

4.6287, 3.4406,
8.5668

311.8034,

2.0636, 1.3658,

302.3049, 404.8331

4.3668

369.2834,
359.6632, 476.2461

■ 0.6693, 0.1913,
1.8287

■ 0.0000, 0.0000,
0.4468

■ 65.3081, 59.7981,
92.1045

■ 65.3081, 59.7981,
92.1045

■ 57.6687, 48.6111,
90.3487

■ 73.9788, 72.8168,
94.1613

■ 51.0098, 39.1615,
88.8758

■ 83.7172, 87.7402,
96.5285

■ 45.2848, 31.3582,
87.6713

■ 91.4237, 98.3642,
98.1730

■ 40.4402, 25.0984,
86.7184

■ 93.0272, 99.1909,
98.2480

■ 36.4167, 20.2674,
85.9980

■ 33.1468, 16.7338,
85.4883

■ 30.5500, 14.3409,
85.1633

■ 28.6117, 12.8984,
84.9870

Harmonies

Analogous

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



59.7033, 59.7981, 103.0551



65.3081, 59.7981, 92.1045



68.7647, 59.7981, 74.7052

Triad

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



65.3081, 59.7981, 92.1045



60.0947, 59.7981, 38.0542



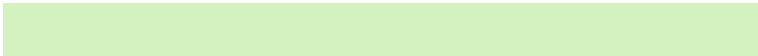
46.2855, 59.7981, 73.5250

Complementary

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



65.3081, 59.7981, 92.1045



68.1327, 81.1605, 61.9467

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.



46.3739, 59.7981, 56.3737



65.3081, 59.7981, 92.1045



54.0626, 59.7981, 37.8518

Square

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



65.3081, 59.7981, 92.1045



65.6121, 59.7981, 44.5968



49.1308, 59.7981, 43.9839



48.8801, 59.7981, 91.1095

Rectangle

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



65.3081, 59.7981, 92.1045



69.2422, 59.7981, 62.7942



49.1308, 59.7981, 43.9839



46.0084, 59.7981, 67.4820

Sweetspot

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



65.3100, 59.8006, 92.1058



88.2550, 89.5376, 107.2387



61.1033, 64.2912, 93.1943



18.7377, 18.9313, 22.9165



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.



65.3100, 59.8006, 92.1058



69.6175, 61.5421, 102.8173



70.6339, 62.6449, 87.8540



15.8386, 15.7140, 19.9199



15.5271, 7.0099, 45.6626



1.4020, 0.6400, 3.8039

Inverse Universe

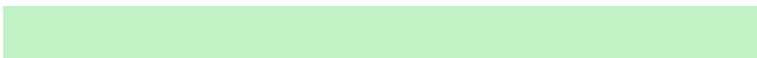
The Inverse Universe completely reimagines the original color for something new.



67.2275, 61.2823, 69.9162



72.2524, 63.5615, 73.0716



63.6663, 78.7818, 65.1790



16.0213, 15.8582, 17.6685



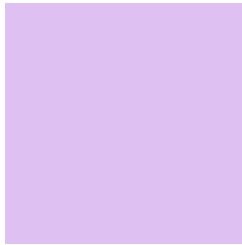
20.7697, 10.5803, 6.7040



1.7748, 0.8990, 0.8050

Previews

White Background



This preview shows how the XYZ color 65.3081, 59.7981, 92.1045 looks on a white background.

Color Contrast Check

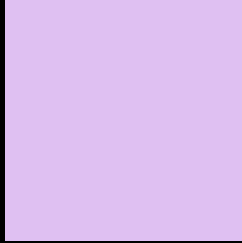
Large Text (above 18pt) WCAG AA × Fail

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 65.3081, 59.7981, 92.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

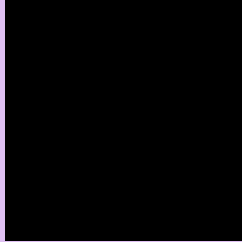
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3081, 59.7981, 92.1045

Background



This preview shows how black text looks on a background with the XYZ color 65.3081, 59.7981, 92.1045.



This preview shows how white text looks on a background with the XYZ color 65.3081, 59.7981,

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

65.3081, 59.7981, 92.1045

Protanopia

59.8222, 59.8881, 97.2135

Deuteranopia

61.4774, 60.1769, 91.5942



Tritanopia

60.8899, 59.6420, 71.2536

Trichromacy



Original Color

65.3081, 59.7981, 92.1045

Protanomaly

61.7305, 59.8794, 95.4931

Deuteranomaly

62.7685, 59.8278, 91.4587

Tritanomaly

62.4849, 59.6277, 78.7370

Monochromacy



Original Color

65.3081, 59.7981, 92.1045

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4794, 61.5545, 76.3510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3081, 59.7981, 92.1045 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(223, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 192, 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(223, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 192, 242) }
```

Border

The CSS property to change the border of an element to XYZ 65.3081, 59.7981, 92.1045 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(223, 192, 242) }
```


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

```
.border{ border-color:rgb(223, 192, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 192, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 192, 242); box-shadow:4px 4px 4px 4px rgb(223, 192, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3081, 59.7981, 92.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 192, 242) }
```

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

```
.background{ background-color: rgb(223,  
192, 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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