

Converting Colors

XYZ(93.0929, 74.1170, 91.9482)

Have a look what the booklet for
XYZ(93.0929, 74.1170, 91.9482)
contains.

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Color

**XYZ(75.8178, 65.2505,
91.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F0
RGB	255, 192, 240
RGB Percent	100%, 75%, 94%
CMY	0.0000, 0.2470, 0.0588
CMYK	0.00, 0.25, 0.06, 0.00
HSL	314°, 100%, 88%
HSV	314°, 25%, 100%
XYZ	75.8178, 65.2505, 91.0367
YIQ	216.3090, 22.1400, 28.2840

Conversions

Conversions Part 2

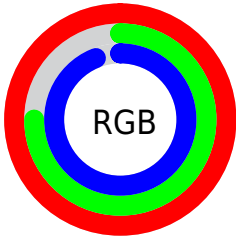
Format	Color
R _Y B	255, 192, 240
Decimal	16761072
CIE Lab	84.61, 30.04, -14.94
CIE LCh	85, 33.549, 333.547
Yxy	65.2505, 0.3267, 0.2811
Android (android.graphics.Color)	4294951152 (0xFFFFC0F0)
YUV	216.3090, 11.6797, 33.9320
Hunter-Lab	80.7778, 26.1785, -10.2755

Details

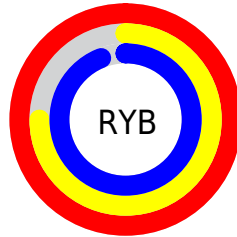
The XYZ color **75.8178, 65.2505, 91.0367** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7627, 87.2324, 72.2477**, and the grayscale version is **65.3945, 68.8001, 74.9233**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **41.0289, 33.6434, 49.6788** is the 20% darker color. If you saturate the color by 10%, you get **69.8095, 54.6532, 84.6588**, and if you desaturate by 10%, it is **82.8291, 77.8051, 97.8996**.

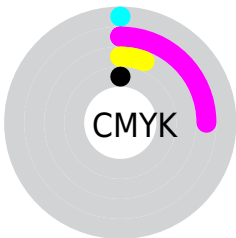
Distribution



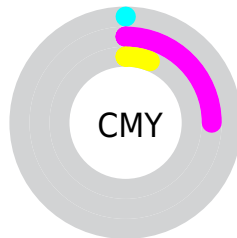
- Red (100%)
- Green (75%)
- Blue (94%)



- Red (100%)
- Yellow (75%)
- Blue (94%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8178, 65.2505, 91.0367 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 75.8178, 65.2505, 91.0367 by changing the saturation by 10% instead.


 75.8178, 65.2505,
91.0367

 75.8178, 65.2505,
91.0367


469.6777,
443.6916, 552.0543

 56.5796, 47.6642,
68.2622


 126.4511,
112.4099, 150.7257

 40.9067, 33.5611,
49.6431

158.5769,
142.7519, 188.4772

 28.4335, 22.5566,
34.7607


195.7293,
178.1145, 232.0583

 18.7948, 14.2665,
23.1965

238.2736,
218.8822, 281.8873

 11.6252, 8.3062,
14.5320

286.5753,
265.4394, 338.3829

 6.5594, 4.2915,
8.3487

340.9997,

 3.2320, 1.8379,

318.1704, 401.9636

4.2279

401.9120,
377.4597, 473.0479

■ 1.2776, 0.5106,
1.7512

■ 0.1664, 0.0000,
0.3955

■ 75.8178, 65.2505,
91.0367

■ 75.8178, 65.2505,
91.0367

■ 69.8095, 54.6532,
84.6588

■ 82.8291, 77.8051,
97.8996

■ 64.7496, 45.9050,
78.7436

■ 90.8859, 92.4020,
105.2605

■ 60.5848, 38.8996,
73.2727

95.0500, 100.0000,
108.9000

■ 57.2545, 33.5165,
68.2246

■ 54.6906, 29.6195,
63.5750

■ 52.8136, 27.0506,
59.2959

■ 51.5260, 25.6152,
55.3533

■ 51.0097, 25.1679,
53.3764

Harmonies

Analogous

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



70.3173, 65.2505, 111.2365



75.8178, 65.2505, 91.0367



77.5219, 65.2505, 68.5272

Triad

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



75.8178, 65.2505, 91.0367



61.1325, 65.2505, 37.3354



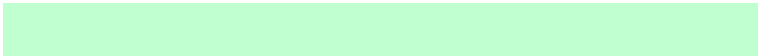
50.7797, 65.2505, 96.3471

Complementary

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



75.8178, 65.2505, 91.0367



68.7627, 87.2324, 72.2477

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.



48.7338, 65.2505, 73.6272



75.8178, 65.2505, 91.0367



54.4000, 65.2505, 41.9318

Square

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



75.8178, 65.2505, 91.0367



68.6538, 65.2505, 40.1631



50.0044, 65.2505, 54.2207



55.8254, 65.2505, 114.7102

Rectangle

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



75.8178, 65.2505, 91.0367



76.1711, 65.2505, 55.8188



50.0044, 65.2505, 54.2207



49.7376, 65.2505, 88.8192

Sweetspot

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



75.8193, 65.2531, 91.0381



88.9408, 88.8645, 103.5252



62.5505, 58.1447, 102.5340



18.9296, 18.8256, 22.0620



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.



75.8193, 65.2531, 91.0381



72.5148, 59.4020, 87.6004



71.5753, 63.5556, 68.6896



18.5968, 18.2221, 21.7601



26.7149, 13.1752, 28.2126



2.6435, 1.2998, 2.9701

Inverse Universe

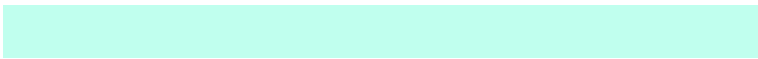
The Inverse Universe completely reimagines the original color for something new.



75.8193, 65.2531, 91.0381



72.5148, 59.4020, 87.6004



72.9619, 88.9121, 94.3605



18.5968, 18.2221, 21.7601



26.7149, 13.1752, 28.2126



2.6435, 1.2998, 2.9701

Previews

White Background



This preview shows how the XYZ color 75.8178, 65.2505, 91.0367 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 75.8178, 65.2505, 91.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

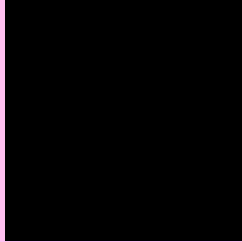
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8178, 65.2505, 91.0367

Background



This preview shows how black text looks on a background with the XYZ color 75.8178, 65.2505, 91.0367.



This preview shows how white text looks on a background with the XYZ color 75.8178, 65.2505,

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

75.8178, 65.2505, 91.0367

Protanopia

65.2459, 65.8180, 101.3608

Deuteranopia

66.8726, 65.4727, 89.2337



Tritanopia

71.6336, 65.1952, 71.0958

Trichromacy



Original Color

75.8178, 65.2505, 91.0367



Protanomaly

68.4234, 65.0188, 97.7505



Deuteranomaly

69.9235, 65.2700, 89.8019



Tritanomaly

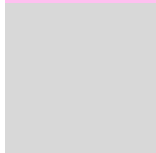
72.8448, 64.9996, 77.8141

Monochromacy



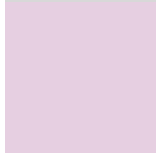
Original Color

75.8178, 65.2505, 91.0367



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.5366, 66.8849, 80.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8178, 65.2505, 91.0367 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(255, 192, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 240)  
}
```

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(255, 192, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.8178, 65.2505, 91.0367 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(255, 192, 240) }
```


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

```
.border{ border-color:rgb(255, 192, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8178, 65.2505, 91.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 240) }
```

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

```
.background{ background-color: rgb(255,  
192, 240) }
```

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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