

Converting Colors

XYZ(76.2600, 66.1348, 91.1840)

Have a look what the booklet for
XYZ(76.2600, 66.1348, 91.1840)
contains.

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Color

**XYZ(76.2600, 66.1348,
91.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2F0
RGB	255, 194, 240
RGB Percent	100%, 76%, 94%
CMY	0.0000, 0.2392, 0.0588
CMYK	0.00, 0.24, 0.06, 0.00
HSL	315°, 100%, 88%
HSV	315°, 24%, 100%
XYZ	76.2600, 66.1348, 91.1840
YIQ	217.4830, 21.5900, 27.2380

Conversions

Conversions Part 2

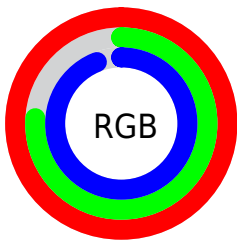
Format	Color
RYB	255, 194, 240
Decimal	16761584
CIELab	85.07, 28.99, -14.27
CIELCh	85, 32.306, 333.794
Yxy	66.1348, 0.3265, 0.2831
Android (android.graphics.Color)	4294951664 (0xFFFFC2F0)
YUV	217.4830, 11.1009, 32.9024
Hunter-Lab	81.3233, 25.0706, -9.5528

Details

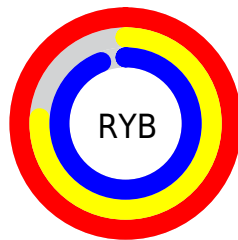
The XYZ color **76.2600, 66.1348, 91.1840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5188, 87.5938, 73.5678**, and the grayscale version is **66.2018, 69.6495, 75.8483**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **41.3185, 34.2226, 49.7753** is the 20% darker color. If you saturate the color by 10%, you get **70.1488, 55.3774, 84.6308**, and if you desaturate by 10%, it is **83.3800, 78.8578, 98.2341**.

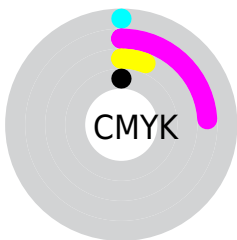
Distribution



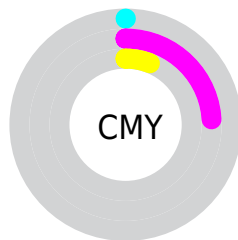
- Red (100%)
- Green (76%)
- Blue (94%)



- Red (100%)
- Yellow (76%)
- Blue (94%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2600, 66.1348, 91.1840 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 76.2600, 66.1348, 91.1840 by changing the saturation by 10% instead.


 76.2600, 66.1348,
91.1840

 76.2600, 66.1348,
91.1840

471.1680,
446.8588, 552.5440

 56.9435, 48.3818,
68.3838


 127.0728,
113.6798, 150.9318

 41.1999, 34.1294,
49.7414


159.2998,
144.2406, 188.7165

 28.6637, 22.9930,
34.8382


196.5610,
179.8395, 232.3331

 18.9695, 14.5883,
23.2557

239.2218,
220.8608, 282.2002

 11.7521, 8.5310,
14.5754

287.6476,
267.6891, 338.7363

 6.6461, 4.4366,
8.3786

342.2036,

 3.2861, 1.9206,

320.7085, 402.3600

4.2469

403.2553,
380.3036, 473.4897

■ 1.3068, 0.5607,
1.7618

■ 0.1883, 0.0000,
0.4026

■ 76.2600, 66.1348,
91.1840

■ 76.2600, 66.1348,
91.1840

■ 70.1488, 55.3774,
84.6308

■ 83.3800, 78.8578,
98.2341

■ 64.9920, 46.4781,
78.5521

■ 91.5509, 93.6310,
105.7940

■ 60.7368, 39.3313,
72.9295

95.0500, 100.0000,
108.9000

■ 57.3229, 33.8174,
67.7415

■ 54.6830, 29.8018,
62.9637

■ 52.7386, 27.1284,
58.5685

■ 51.3941, 25.6065,
54.5222

■ 50.7871, 25.0788,
52.2041

Harmonies

Analogous

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



70.9630, 66.1348, 110.6861



76.2600, 66.1348, 91.1840



77.8715, 66.1348, 69.3917

Triad

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



76.2600, 66.1348, 91.1840



61.9383, 66.1348, 38.9827



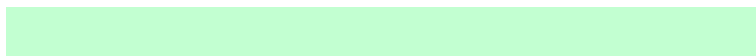
51.9386, 66.1348, 96.6630

Complementary

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



76.2600, 66.1348, 91.1840



69.5188, 87.5938, 73.5678

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.



49.9120, 66.1348, 74.6924



76.2600, 66.1348, 91.1840



55.3970, 66.1348, 43.5898

Square

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



76.2600, 66.1348, 91.1840



69.2393, 66.1348, 41.7207



51.1280, 66.1348, 55.7313



56.8834, 66.1348, 114.2536

Rectangle

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



76.2600, 66.1348, 91.1840



76.5433, 66.1348, 57.0292



51.1280, 66.1348, 55.7313



50.9116, 66.1348, 89.4073

Sweetspot

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



76.2614, 66.1374, 91.1854



88.9189, 88.8558, 103.4096



63.4224, 59.2505, 102.7015



18.9245, 18.8236, 22.0352



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.



76.2614, 66.1374, 91.1854



73.0331, 60.4317, 87.7946



72.1997, 64.5128, 69.7967



18.5905, 18.2195, 21.7268



26.5997, 13.1292, 27.6063



2.6331, 1.2956, 2.9156

Inverse Universe

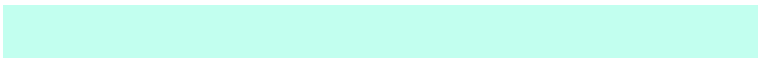
The Inverse Universe completely reimagines the original color for something new.



76.2614, 66.1374, 91.1854



73.0331, 60.4317, 87.7946



73.5504, 89.2064, 94.7982



18.5905, 18.2195, 21.7268



26.5997, 13.1292, 27.6063



2.6331, 1.2956, 2.9156

Previews

White Background



This preview shows how the XYZ color 76.2600, 66.1348, 91.1840 looks on a white background.

Color Contrast Check

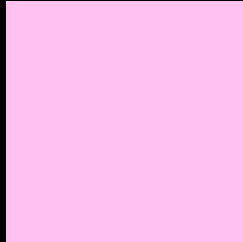
Large Text (above 18pt) WCAG AA × Fail

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 76.2600, 66.1348, 91.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

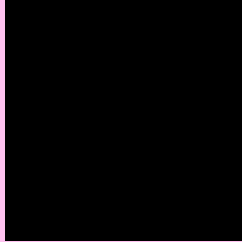
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2600, 66.1348, 91.1840

Background



This preview shows how black text looks on a background with the XYZ color 76.2600, 66.1348, 91.1840.



This preview shows how white text looks on a background with the XYZ color 76.2600, 66.1348,

91.1840.

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

76.2600, 66.1348, 91.1840

Protanopia

65.8837, 66.5327, 100.6364

Deuteranopia

67.8696, 66.3283, 90.1144



Tritanopia

72.7059, 66.3973, 72.6023

Trichromacy



Original Color

76.2600, 66.1348, 91.1840



Protanomaly

69.0512, 66.0660, 97.1083



Deuteranomaly

70.6322, 65.9655, 90.6712



Tritanomaly

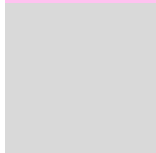
73.7935, 66.1429, 78.6895

Monochromacy



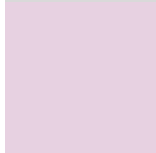
Original Color

76.2600, 66.1348, 91.1840



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.3461, 68.0261, 80.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2600, 66.1348, 91.1840 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, 194, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.2600, 66.1348, 91.1840 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, 194, 240) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2600, 66.1348, 91.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 240) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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