

Converting Colors

XYZ(65.9173, 42.8056, 98.5498)

Have a look what the booklet for
XYZ(65.9173, 42.8056, 98.5498)
contains.

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Color

**XYZ(66.0961, 42.8938,
98.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7DFE
RGB	254, 125, 254
RGB Percent	100%, 49%, 100%
CMY	0.0039, 0.5098, 0.0039
CMYK	0.00, 0.51, 0.00, 0.00
HSL	300°, 98%, 74%
HSV	300°, 51%, 100%
XYZ	66.0961, 42.8938, 98.5616
YIQ	178.2770, 35.4750, 67.4670

Conversions

Conversions Part 2

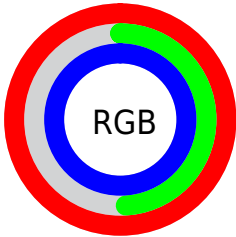
Format	Color
RYB	254, 125, 254
Decimal	16678398
CIELab	71.48, 65.90, -42.64
CIELCh	71, 78.488, 327.096
Yxy	42.8938, 0.3185, 0.2067
Android (android.graphics.Color)	4294868478 (0xFFFE7DFE)
YUV	178.2770, 37.3314, 66.4091
Hunter-Lab	65.4934, 65.5294, -43.3808

Details

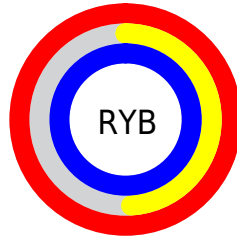
The XYZ color **66.0961, 42.8938, 98.5616** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **47.6028, 76.7261, 31.7051**, and the grayscale version is **42.2604, 44.4612, 48.4183**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **34.6508, 19.7676, 54.8125** is the 20% darker color. If you saturate the color by 10%, you get **63.2826, 37.2659, 97.6240**, and if you desaturate by 10%, it is **69.7345, 50.1695, 99.7750**.

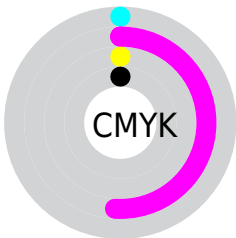
Distribution



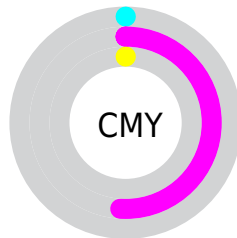
- Red (100%)
- Green (49%)
- Blue (100%)



- Red (100%)
- Yellow (49%)
- Blue (100%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0961, 42.8938, 98.5616 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 66.0961, 42.8938, 98.5616 by changing the saturation by 10% instead.


 66.0961, 42.8938,
98.5616


 66.0961, 42.8938,
98.5616


436.2037,
358.1748, 576.7784

 48.6184, 29.8018,
74.4896

 112.6812, 79.5506,
161.2137

 34.5302, 19.6882,
54.6957

 142.5194,
103.8841, 200.6309

 23.4660, 12.1686,
38.7612


 177.2084,
132.7337, 246.0002

 15.0606, 6.8586,
26.2676

217.1136,
166.4836, 297.7403

 8.9485, 3.3738,
16.7964

262.6004,
205.5183, 356.2696

 4.7644, 1.3299,
9.9290

314.0341,

 2.1431, 0.1642,

250.2221, 422.0067

5.2469

371.7801,
300.9795, 495.3701

■ 0.7125, 0.0000,
2.3316

■ 0.0000, 0.0000,
0.7488

■ 66.0961, 42.8938,
98.5616

■ 66.0961, 42.8938,
98.5616

■ 63.2826, 37.2659,
97.6240

■ 69.7345, 50.1695,
99.7750

■ 61.2257, 33.1520,
96.9382

■ 74.2507, 59.2018,
101.2805

■ 59.8533, 30.4073,
96.4805

■ 79.6982, 70.0967,
103.0966

■ 59.0776, 28.8559,
96.2218

■ 86.1250, 82.9503,
105.2390

■ 58.7631, 28.2269,
96.1168

■ 93.5760, 97.8522,
107.7229

94.5235, 99.7471,
108.0389

94.5235, 99.7471,
108.0391

94.5235, 99.7471,
108.0392

94.5236, 99.7471,
108.0394

Harmonies

Analogous

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



53.4991, 42.8938, 146.3226



66.0961, 42.8938, 98.5616



71.8460, 42.8938, 50.4959

Triad

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



66.0961, 42.8938, 98.5616



42.0726, 42.8938, 5.1749



22.0458, 42.8938, 88.4063

Complementary

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



66.0961, 42.8938, 98.5616



47.6028, 76.7261, 31.7051

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.



20.2632, 42.8938, 43.1070



66.0961, 42.8938, 98.5616



30.2382, 42.8938, 7.2222

Square

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



66.0961, 42.8938, 98.5616



56.2214, 42.8938, 8.3394



22.9129, 42.8938, 17.2384



28.4446, 42.8938, 138.5559

Rectangle

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



66.0961, 42.8938, 98.5616



70.2643, 42.8938, 28.3820



22.9129, 42.8938, 17.2384



20.9563, 42.8938, 71.5837

Sweetspot

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



66.0976, 42.8957, 98.5625



84.0384, 77.9769, 105.2292



33.6824, 26.1850, 97.0465



17.6963, 16.1076, 22.4263



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.



66.0976, 42.8957, 98.5625



63.7944, 37.4891, 98.4803



57.4482, 39.4360, 53.0154



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6731



3.0164, 1.4489, 4.9339

Inverse Universe

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



66.0976, 42.8957, 98.5625



63.7944, 37.4891, 98.4803



53.1408, 78.9413, 60.8678



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6731



3.0164, 1.4489, 4.9339

Previews

White Background



This preview shows how the XYZ color 66.0961, 42.8938, 98.5616 looks on a white background.

Color Contrast Check

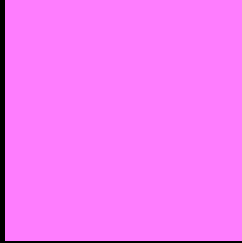
Large Text (above 18pt) WCAG AA × Fail

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 66.0961, 42.8938, 98.5616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

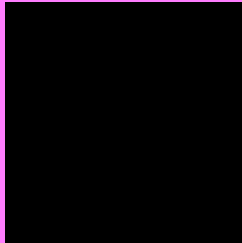
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0961, 42.8938, 98.5616

Background



This preview shows how black text looks on a background with the XYZ color 66.0961, 42.8938, 98.5616.



This preview shows how white text looks on a background with the XYZ color 66.0961, 42.8938,

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

66.0961, 42.8938, 98.5616

Protanopia

45.0262, 43.3102, 100.5943

Deuteranopia

44.1875, 43.0590, 92.3685



Tritanopia

53.4659, 42.5603, 38.1979

Trichromacy



Original Color

66.0961, 42.8938, 98.5616



Protanomaly

50.1882, 41.4360, 99.9605



Deuteranomaly

49.5708, 41.2456, 94.1555



Tritanomaly

57.1217, 42.2440, 56.1822

Monochromacy



Original Color

66.0961, 42.8938, 98.5616



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

48.9923, 42.3743, 63.9894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0961, 42.8938, 98.5616 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(254, 125, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 125, 254)  
}
```

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(254, 125, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 125, 254) }
```

Border

The CSS property to change the border of an element to XYZ 66.0961, 42.8938, 98.5616 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(254, 125, 254) }
```


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

```
.border{ border-color:rgb(254, 125, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 125, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 125, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 125, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 125,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0961, 42.8938, 98.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 125, 254) }
```

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

```
.background{ background-color: rgb(254,  
125, 254) }
```

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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