

Converting Colors

XYZ(60.5298, 41.8352, 65.4315)

Have a look what the booklet for
XYZ(60.5298, 41.8352, 65.4315)
contains.

XYZ(60.4980, 41.9069, 65.2218)	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(60.4980, 41.9069,
65.2218)**

Conversions

Conversions Part 1

Format	Color
Hex	FE83D1
RGB	254, 131, 209
RGB Percent	100%, 51%, 82%
CMY	0.0039, 0.4862, 0.1804
CMYK	0.00, 0.48, 0.18, 0.00
HSL	322°, 98%, 75%
HSV	322°, 48%, 100%
XYZ	60.4980, 41.9069, 65.2218
YIQ	176.6690, 48.2700, 50.3340

Conversions

Conversions Part 2

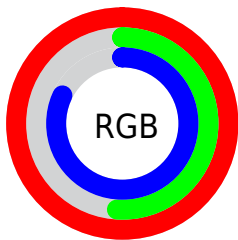
Format	Color
R_{YB}	254, 131, 209
Decimal	16679889
CIE _{Lab}	70.81, 55.93, -18.93
CIE _{LCh}	71, 59.050, 341.306
Yxy	41.9069, 0.3609, 0.2500
Android (android.graphics.Color)	4294869969 (0xFFFE83D1)
YUV	176.6690, 15.9392, 67.8193
Hunter-Lab	64.7355, 53.5283, -14.4205

Details

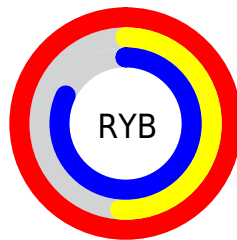
The XYZ color **60.4980, 41.9069, 65.2218** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.6404, 78.8449, 53.5220**, and the grayscale version is **41.5192, 43.6814, 47.5691**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **30.9229, 19.1041, 32.6295** is the 20% darker color. If you saturate the color by 10%, you get **56.3781, 35.4547, 58.3365**, and if you desaturate by 10%, it is **65.5236, 50.0621, 72.7410**.

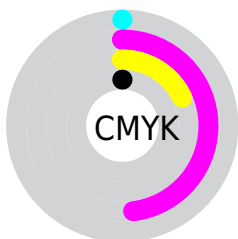
Distribution



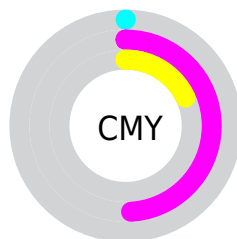
- Red (100%)
- Green (51%)
- Blue (82%)



- Red (100%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4980, 41.9069, 65.2218 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 60.4980, 41.9069, 65.2218 by changing the saturation by 10% instead.


 60.4980, 41.9069,
65.2218


 60.4980, 41.9069,
65.2218


416.2363,
354.0969, 461.9166


 44.0712, 29.0284,
47.1885


 104.6540, 78.0587,
113.9850

 30.9246, 19.1023,
32.8293


 133.1138,
102.1008, 145.5520

 20.6930, 11.7442,
21.7256


 166.3154,
130.6329, 182.4672

 13.0110, 6.5698,
13.4591

204.6240,
164.0393, 225.1493

 7.5131, 3.1945,
7.6110

248.4051,
202.7046, 274.0167

 3.8342, 1.2341,
3.7629

298.0239,

 1.6088, 0.0893,

247.0130, 329.4880

1.4962

353.8459,
297.3489, 391.9818

■ 0.3981, 0.0000,
0.2151

■ 0.0000, 0.0000,
0.0000

■ 60.4980, 41.9069,
65.2218

■ 60.4980, 41.9069,
65.2218

■ 56.3781, 35.4547,
58.3365

■ 65.5236, 50.0621,
72.7410

■ 53.0968, 30.5745,
52.0559

■ 71.5081, 60.0264,
80.9160

■ 50.5833, 27.1262,
46.3511

■ 78.5050, 71.9045,
89.7704

■ 48.7526, 24.9417,
41.1878

■ 86.5624, 85.7911,
99.3255

■ 47.4861, 23.7857,
36.5205

94.6834, 99.8110,
108.8828

■ 47.3125, 23.6466,
35.8207

Harmonies

Analogous

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



53.6208, 41.9069, 99.4132



60.4980, 41.9069, 65.2218



61.3329, 41.9069, 35.8394

Triad

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



60.4980, 41.9069, 65.2218



36.2475, 41.9069, 10.5163



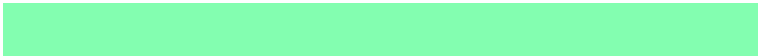
27.2780, 41.9069, 91.3692

Complementary

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



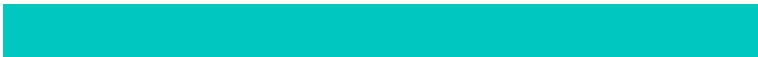
60.4980, 41.9069, 65.2218



52.6404, 78.8449, 53.5220

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.



24.0531, 41.9069, 57.0574



60.4980, 41.9069, 65.2218



28.6351, 41.9069, 15.8949

Square

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



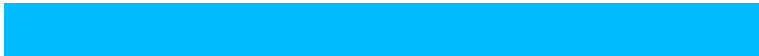
60.4980, 41.9069, 65.2218



46.1866, 41.9069, 11.2082



24.5053, 41.9069, 30.4154



34.0874, 41.9069, 118.2900

Rectangle

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



60.4980, 41.9069, 65.2218



58.2142, 41.9069, 22.9265



24.5053, 41.9069, 30.4154



25.7936, 41.9069, 79.8386

Sweetspot

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



60.4993, 41.9089, 65.2226



81.8664, 77.1081, 93.7918



43.4745, 32.3952, 97.7282



17.1689, 15.8966, 19.6487



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.



60.4993, 41.9089, 65.2226



57.0375, 36.0080, 59.1330



54.4519, 39.4899, 33.3774



18.4942, 18.1810, 21.2194



25.0170, 12.4961, 19.2718



2.4884, 1.2377, 2.1534

Inverse Universe

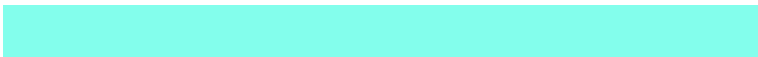
The Inverse Universe completely reimagines the original color for something new.



60.4993, 41.9089, 65.2226



57.0375, 36.0080, 59.1330



59.8785, 81.7401, 91.6373



18.4942, 18.1810, 21.2194



25.0170, 12.4961, 19.2718



2.4884, 1.2377, 2.1534

Previews

White Background



This preview shows how the XYZ color 60.4980, 41.9069, 65.2218 looks on a white background.

Color Contrast Check

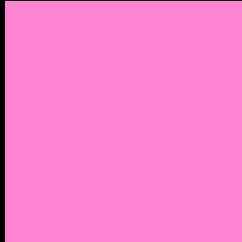
Large Text (above 18pt) WCAG AA × Fail

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 60.4980, 41.9069, 65.2218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

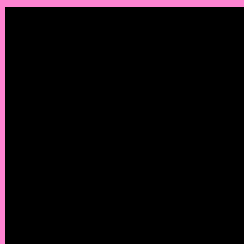
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4980, 41.9069, 65.2218

Background



This preview shows how black text looks on a background with the XYZ color 60.4980, 41.9069, 65.2218.



This preview shows how white text looks on a background with the XYZ color 60.4980, 41.9069,

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

60.4980, 41.9069, 65.2218

Protanopia

43.3220, 42.1689, 86.7450

Deuteranopia

42.9801, 41.9873, 61.7162



Tritanopia

54.2836, 41.9013, 35.3637

Trichromacy



Original Color

60.4980, 41.9069, 65.2218



Protanomaly

46.9888, 40.2701, 77.9694



Deuteranomaly

47.9176, 40.8296, 63.1130



Tritanomaly

56.1998, 41.8064, 44.6425

Monochromacy



Original Color

60.4980, 41.9069, 65.2218



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.9330, 41.7949, 53.7377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4980, 41.9069, 65.2218 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, 131, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 131, 209)  
}
```

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, 131, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 131, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.4980, 41.9069, 65.2218 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, 131, 209) }
```


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

```
.border{ border-color:rgb(254, 131, 209) }
```

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

Here you see how a box with a 4 pixel rgb(254, 131, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 131, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 131, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 131,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4980, 41.9069, 65.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 131, 209) }
```

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

```
.background{ background-color: rgb(254,  
131, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor