

Converting Colors

XYZ(102.5955, 63.5620,
68.0944)

Have a look what the booklet for
XYZ(102.5955, 63.5620, 68.0944)
contains.

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Color

**XYZ(60.9892, 42.1457,
65.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83D2
RGB	255, 131, 210
RGB Percent	100%, 51%, 82%
CMY	0.0000, 0.4862, 0.1765
CMYK	0.00, 0.49, 0.18, 0.00
HSL	322°, 100%, 76%
HSV	322°, 49%, 100%
XYZ	60.9892, 42.1457, 65.8932
YIQ	177.0820, 48.5450, 50.8570

Conversions

Conversions Part 2

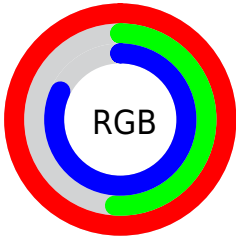
Format	Color
R _Y B	255, 131, 210
Decimal	16745426
CIE Lab	70.97, 56.39, -19.22
CIE LCh	71, 59.572, 341.178
Yxy	42.1457, 0.3608, 0.2493
Android (android.graphics.Color)	4294935506 (0xFFFF83D2)
YUV	177.0820, 16.2286, 68.3341
Hunter-Lab	64.9197, 54.0833, -14.7353

Details

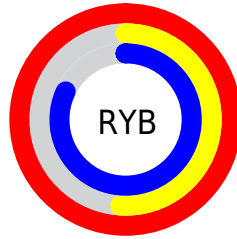
The XYZ color **60.9892, 42.1457, 65.8932** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.9581, 79.4806, 53.6274**, and the grayscale version is **41.7337, 43.9071, 47.8149**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **31.2658, 19.2712, 33.0822** is the 20% darker color. If you saturate the color by 10%, you get **56.8561, 35.6718, 58.9907**, and if you desaturate by 10%, it is **66.0334, 50.3352, 73.4294**.

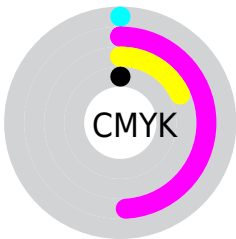
Distribution



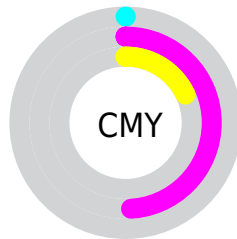
- Red (100%)
- Green (51%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9892, 42.1457, 65.8932 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 60.9892, 42.1457, 65.8932 by changing the saturation by 10% instead.

60.9892, 42.1457,
65.8932

60.9892, 42.1457,
65.8932

418.0109,
355.0866, 464.3886

44.4690, 29.2154,
47.7298

105.3615, 78.4201,
114.9586

31.2388, 19.2438,
33.2545

133.9443,
102.5330, 146.6976

20.9335, 11.8466,
22.0487

167.2786,
131.1421, 183.7989

13.1876, 6.6393,
13.6941

205.7298,
164.6320, 226.6810

7.6357, 3.2376,
7.7719

249.6633,
203.3870, 275.7625

3.9126, 1.2570,
3.8637

299.4444,

1.6528, 0.1075,

247.7915, 331.4619

1.5508

355.4385,
298.2299, 394.1978

■ 0.4265, 0.0000,
0.2554

■ 0.0000, 0.0000,
0.0000

■ 60.9892, 42.1457,
65.8932

■ 60.9892, 42.1457,
65.8932

■ 56.8561, 35.6718,
58.9907

■ 66.0334, 50.3352,
73.4294

■ 53.5674, 30.7816,
52.6927

■ 72.0437, 60.3483,
81.6214

■ 51.0510, 27.3330,
46.9700

■ 79.0737, 72.2907,
90.4930

■ 49.2207, 25.1555,
41.7880

■ 87.1721, 86.2580,
100.0654

■ 47.9544, 24.0067, 95.0500, 100.0000,
37.1000 108.9000

■ 47.8022, 23.8849,
36.4863

Harmonies

Analogous

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



53.9931, 42.1457, 100.5908



60.9892, 42.1457, 65.8932



61.8654, 42.1457, 36.0826

Triad

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



60.9892, 42.1457, 65.8932



36.4690, 42.1457, 10.4294



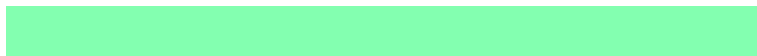
27.3352, 42.1457, 92.1392

Complementary

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



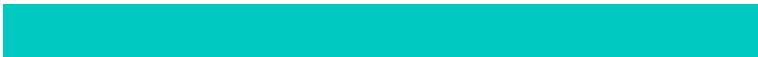
60.9892, 42.1457, 65.8932



52.9581, 79.4806, 53.6274

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.



24.0924, 42.1457, 57.3296



60.9892, 42.1457, 65.8932



28.7544, 42.1457, 15.8065

Square

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



60.9892, 42.1457, 65.8932



46.5408, 42.1457, 11.1481



24.5649, 42.1457, 30.4091



34.2074, 42.1457, 119.5637

Rectangle

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



60.9892, 42.1457, 65.8932



58.7190, 42.1457, 22.9994



24.5649, 42.1457, 30.4091



25.8402, 42.1457, 80.4263

Sweetspot

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



60.9901, 42.1475, 65.8940



81.8834, 77.1149, 93.8808



43.7129, 32.4995, 98.5769



17.1730, 15.8983, 19.6702



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.



60.9901, 42.1475, 65.8940



57.0890, 36.0286, 59.4041



54.8305, 39.6837, 33.4577



18.4965, 18.1819, 21.2318



25.0519, 12.5100, 19.4555



2.4917, 1.2390, 2.1705

Inverse Universe

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



60.9901, 42.1475, 65.8940



57.0890, 36.0286, 59.4041



60.3197, 82.4253, 92.3932



18.4965, 18.1819, 21.2318



25.0519, 12.5100, 19.4555



2.4917, 1.2390, 2.1705

Previews

White Background



This preview shows how the XYZ color 60.9892, 42.1457, 65.8932 looks on a white background.

Color Contrast Check

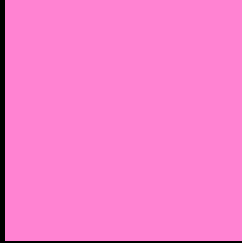
Large Text (above 18pt) WCAG AA × Fail

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 60.9892, 42.1457, 65.8932 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 60.9892, 42.1457, 65.8932

Background



This preview shows how black text looks on a background with the XYZ color 60.9892, 42.1457, 65.8932.



This preview shows how white text looks on a background with the XYZ color 60.9892, 42.1457,

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

60.9892, 42.1457, 65.8932

Protanopia

43.6589, 42.6071, 87.5843

Deuteranopia

43.2857, 42.4084, 62.4041



Tritanopia

54.6392, 42.0846, 35.3803

Trichromacy



Original Color

60.9892, 42.1457, 65.8932



Protanomaly

47.5464, 40.7917, 78.7664



Deuteranomaly

48.2059, 41.2123, 63.8066



Tritanomaly

56.6563, 42.0305, 45.1710

Monochromacy



Original Color

60.9892, 42.1457, 65.8932



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 60.9892, 42.1457, 65.8932 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, 131, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 210)  
}
```

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, 131, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.9892, 42.1457, 65.8932 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, 131, 210) }
```


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

```
.border{ border-color:rgb(255, 131, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9892, 42.1457, 65.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 210) }
```

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

```
.background{ background-color: rgb(255,  
131, 210) }
```

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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