

Converting Colors

XYZ(61.6289, 42.6176, 68.5961)

Have a look what the booklet for
XYZ(61.6289, 42.6176, 68.5961)
contains.

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Color

**XYZ(61.6289, 42.6176,
68.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	FF84D6
RGB	255, 132, 214
RGB Percent	100%, 52%, 84%
CMY	0.0000, 0.4823, 0.1608
CMYK	0.00, 0.48, 0.16, 0.00
HSL	320°, 100%, 76%
HSV	320°, 48%, 100%
XYZ	61.6289, 42.6176, 68.5961
YIQ	178.1250, 46.9860, 51.5780

Conversions

Conversions Part 2

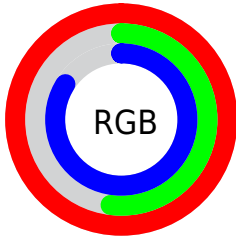
Format	Color
R_{YB}	255, 132, 214
Decimal	16745686
CIE _{Lab}	71.29, 56.49, -20.94
CIE _{LCh}	71, 60.252, 339.659
Yxy	42.6176, 0.3566, 0.2466
Android (android.graphics.Color)	4294935766 (0xFFFF84D6)
YUV	178.1250, 17.6864, 67.4194
Hunter-Lab	65.2822, 54.2672, -16.6023

Details

The XYZ color **61.6289, 42.6176, 68.5961** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.8202, 79.4435, 52.0885**, and the grayscale version is **42.2762, 44.4779, 48.4364**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **31.6768, 19.5467, 34.9042** is the 20% darker color. If you saturate the color by 10%, you get **57.5264, 36.1048, 62.0118**, and if you desaturate by 10%, it is **66.6350, 50.8466, 75.7622**.

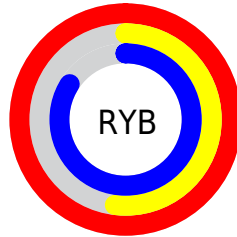
Distribution



Red (100%)

Green (52%)

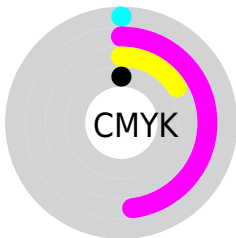
Blue (84%)



Red (100%)

Yellow (52%)

Blue (84%)

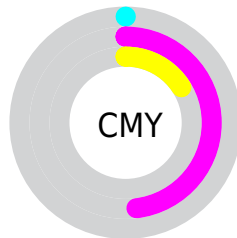


Cyan (0%)

Magenta (48%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6289, 42.6176, 68.5961 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 61.6289, 42.6176, 68.5961 by changing the saturation by 10% instead.

61.6289, 42.6176,
68.5961

61.6289, 42.6176,
68.5961

420.3153,
357.0368, 474.2604

44.9874, 29.5852,
49.9131

106.2820, 79.1335,
118.8668

31.6487, 19.5240,
34.9737

135.0242,
103.3858, 151.2915

21.2476, 12.0495,
23.3592

168.5308,
132.1468, 189.1340

13.4186, 6.7774,
14.6512

207.1670,
165.8009, 232.8127

7.7964, 3.3233,
8.4311

251.2982,
204.7326, 282.7461

4.0156, 1.3027,
4.2803

301.2897,

1.7110, 0.1433,

249.3262, 339.3529

1.7803

357.5070,
299.9661, 403.0515

■ 0.4631, 0.0000,
0.4149

■ 0.0000, 0.0000,
0.0000

■ 61.6289, 42.6176,
68.5961

■ 61.6289, 42.6176,
68.5961

■ 57.5264, 36.1048,
62.0118

■ 66.6350, 50.8466,
75.7622

■ 54.2610, 31.1771,
55.9813

■ 72.5989, 60.8994,
83.5307

■ 51.7615, 27.6932,
50.4771

■ 79.5739, 72.8810,
91.9239

■ 49.9426, 25.4842,
45.4664

■ 87.6083, 86.8870,
100.9620

■ 48.6873, 24.3172, 95.0500, 100.0000,
40.9055 108.9000

■ 48.4954, 24.1622,
40.1364

Harmonies

Analogous

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



54.2382, 42.6176, 103.8879



61.6289, 42.6176, 68.5961



62.8776, 42.6176, 37.6670

Triad

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



61.6289, 42.6176, 68.5961



37.3288, 42.6176, 10.2936



27.2969, 42.6176, 91.8317

Complementary

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



61.6289, 42.6176, 68.5961



52.8202, 79.4435, 52.0885

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.



24.1925, 42.6176, 56.3958



61.6289, 42.6176, 68.5961



29.3136, 42.6176, 15.3639

Square

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



61.6289, 42.6176, 68.5961



47.6544, 42.6176, 11.3093



24.8635, 42.6176, 29.6020



34.1121, 42.6176, 120.7255

Rectangle

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



61.6289, 42.6176, 68.5961



59.8785, 42.6176, 23.9286



24.8635, 42.6176, 29.6020



25.8409, 42.6176, 79.8036

Sweetspot

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



61.6299, 42.6195, 68.5969



82.8426, 78.5568, 95.6696



43.5368, 32.6091, 98.6073



17.3699, 16.1853, 20.0654



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.



61.6299, 42.6195, 68.5969



57.6121, 36.2378, 62.1585



55.2012, 40.0480, 34.7440



18.5201, 18.1914, 21.3562



25.4121, 12.6541, 21.3522



2.5250, 1.2524, 2.3463

Inverse Universe

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



61.6299, 42.6195, 68.5969



57.6121, 36.2378, 62.1585



60.2002, 82.3954, 90.9509



18.5201, 18.1914, 21.3562



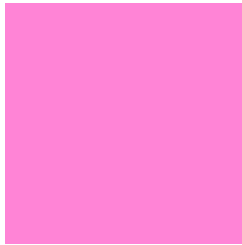
25.4121, 12.6541, 21.3522



2.5250, 1.2524, 2.3463

Previews

White Background



This preview shows how the XYZ color 61.6289, 42.6176, 68.5961 looks on a white background.

Color Contrast Check

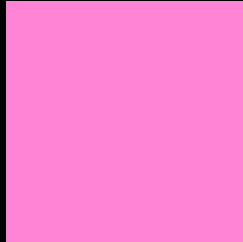
Large Text (above 18pt) WCAG AA × Fail

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 61.6289, 42.6176, 68.5961 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 61.6289, 42.6176, 68.5961

Background



This preview shows how black text looks on a background with the XYZ color 61.6289, 42.6176, 68.5961.



This preview shows how white text looks on a background with the XYZ color 61.6289, 42.6176,

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

61.6289, 42.6176, 68.5961

Protanopia

44.4477, 43.2282, 90.7953

Deuteranopia

43.7299, 42.8609, 64.9997



Tritanopia

54.9566, 42.4528, 36.3080

Trichromacy



Original Color

61.6289, 42.6176, 68.5961



Protanomaly

48.2782, 41.3563, 81.7820



Deuteranomaly

48.8667, 41.7462, 66.4550



Tritanomaly

56.9982, 42.4000, 46.2542

Monochromacy



Original Color

61.6289, 42.6176, 68.5961



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.6024, 42.3731, 54.9601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6289, 42.6176, 68.5961 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, 132, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 214)  
}
```

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, 132, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.6289, 42.6176, 68.5961 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, 132, 214) }
```


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

```
.border{ border-color:rgb(255, 132, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6289, 42.6176, 68.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 214) }
```

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

```
.background{ background-color: rgb(255,  
132, 214) }
```

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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