

Converting Colors

XYZ(69.3295, 46.9536, 68.5155)

Have a look what the booklet for
XYZ(69.3295, 46.9536, 68.5155)
contains.

XYZ(61.7753, 43.1143, 68.0168)	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(61.7753, 43.1143,
68.0168)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86D5
RGB	255, 134, 213
RGB Percent	100%, 53%, 84%
CMY	0.0000, 0.4745, 0.1647
CMYK	0.00, 0.47, 0.16, 0.00
HSL	321°, 100%, 76%
HSV	321°, 47%, 100%
XYZ	61.7753, 43.1143, 68.0168
YIQ	179.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

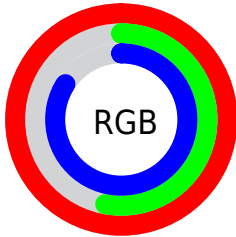
Format	Color
R_{YB}	255, 134, 213
Decimal	16746197
CIE _{Lab}	71.63, 55.38, -19.88
CIE _{LCh}	72, 58.840, 340.256
Yxy	43.1143, 0.3573, 0.2494
Android (android.graphics.Color)	4294936277 (0xFFFF86D5)
YUV	179.1850, 16.6708, 66.4898
Hunter-Lab	65.6615, 53.0279, -15.4537

Details

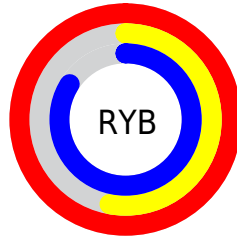
The XYZ color **61.7753, 43.1143, 68.0168** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **53.4297, 79.7237, 53.6496**, and the grayscale version is **42.8441, 45.0753, 49.0870**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **31.7325, 19.7963, 34.4963** is the 20% darker color. If you saturate the color by 10%, you get **57.5732, 36.4592, 61.2235**, and if you desaturate by 10%, it is **66.8905, 51.4970, 75.4180**.

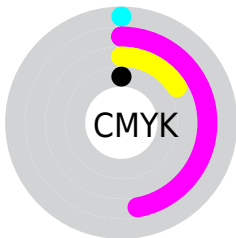
Distribution



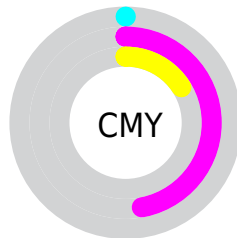
- Red (100%)
- Green (53%)
- Blue (84%)



- Red (100%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (47%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7753, 43.1143, 68.0168 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 61.7753, 43.1143, 68.0168 by changing the saturation by 10% instead.


 61.7753, 43.1143,
68.0168


 61.7753, 43.1143,
68.0168


420.8416,
359.0816, 472.1552


 45.1061, 29.9748,
49.4446


 106.4925, 79.8833,
118.0306

 31.7426, 19.8195,
34.6042


 135.2711,
104.2816, 150.3093

 21.3196, 12.2639,
23.0771


 168.8170,
133.2017, 187.9940

 13.4716, 6.9237,
14.4446

207.4954,
167.0278, 231.5031

 7.8333, 3.4144,
8.2883

251.6717,
206.1445, 281.2553

 4.0394, 1.3517,
4.1895

301.7113,

 1.7244, 0.1807,

250.9361, 337.6690

1.7299

357.9795,
301.7870, 401.1628

■ 0.4715, 0.0000,
0.3811

■ 0.0000, 0.0000,
0.0000

■ 61.7753, 43.1143,
68.0168

■ 61.7753, 43.1143,
68.0168

■ 57.5732, 36.4592,
61.2235

■ 66.8905, 51.4970,
75.4180

■ 54.2178, 31.4012,
55.0099

■ 72.9724, 61.7136,
83.4481

■ 51.6388, 27.8008,
49.3479

■ 80.0741, 73.8688,
92.1301

■ 49.7519, 25.4915,
44.2045

■ 88.2440, 88.0575,
101.4843

■ 48.4480, 24.2562, 95.0500, 100.0000,
39.5382 108.9000

■ 48.1675, 24.0310,
38.4095

Harmonies

Analogous

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



54.6413, 43.1143, 102.4730



61.7753, 43.1143, 68.0168



62.8595, 43.1143, 37.8409

Triad

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



61.7753, 43.1143, 68.0168



37.6630, 43.1143, 11.0149



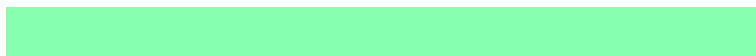
28.0324, 43.1143, 92.0523

Complementary

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



61.7753, 43.1143, 68.0168



53.4297, 79.7237, 53.6496

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.



24.8754, 43.1143, 57.4015



61.7753, 43.1143, 68.0168



29.8077, 43.1143, 16.2953

Square

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



61.7753, 43.1143, 68.0168



47.7948, 43.1143, 11.9326



25.4678, 43.1143, 30.7467



34.8438, 43.1143, 119.7983

Rectangle

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



61.7753, 43.1143, 68.0168



59.8464, 43.1143, 24.3776



25.4678, 43.1143, 30.7467



26.5629, 43.1143, 80.3556

Sweetspot

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



61.7764, 43.1162, 68.0176



82.7683, 78.5271, 95.2787



44.1070, 33.3096, 98.7125



17.3518, 16.1780, 19.9699



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.



61.7764, 43.1162, 68.0176



57.7430, 36.7224, 61.5155



55.6132, 40.6509, 35.5625



18.5091, 18.1870, 21.2982



25.2417, 12.5860, 20.4552



2.5093, 1.2461, 2.2634

Inverse Universe

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



61.7764, 43.1162, 68.0176



57.7430, 36.7224, 61.5155



60.5641, 82.5775, 91.2189



18.5091, 18.1870, 21.2982



25.2417, 12.5860, 20.4552



2.5093, 1.2461, 2.2634

Previews

White Background



This preview shows how the XYZ color 61.7753, 43.1143, 68.0168 looks on a white background.

Color Contrast Check

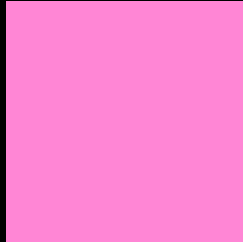
Large Text (above 18pt) WCAG AA × Fail

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 61.7753, 43.1143, 68.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

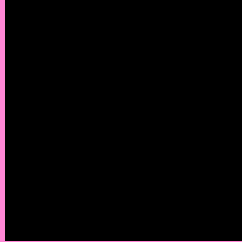
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7753, 43.1143, 68.0168

Background



This preview shows how black text looks on a background with the XYZ color 61.7753, 43.1143, 68.0168.



This preview shows how white text looks on a background with the XYZ color 61.7753, 43.1143,

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

61.7753, 43.1143, 68.0168

Protanopia

44.7235, 43.6909, 89.2951

Deuteranopia

44.3751, 43.4750, 65.0842



Tritanopia

55.4316, 43.1318, 37.3020

Trichromacy



Original Color

61.7753, 43.1143, 68.0168



Protanomaly

48.5602, 41.7723, 81.1048



Deuteranomaly

49.1891, 42.1790, 65.8704



Tritanomaly

57.3925, 43.0296, 46.8756

Monochromacy



Original Color

61.7753, 43.1143, 68.0168



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.2333, 43.2214, 55.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7753, 43.1143, 68.0168 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, 134, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 213)  
}
```

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, 134, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.7753, 43.1143, 68.0168 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, 134, 213) }
```


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

```
.border{ border-color:rgb(255, 134, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7753, 43.1143, 68.0168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 213) }
```

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

```
.background{ background-color: rgb(255,  
134, 213) }
```

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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