

Converting Colors

XYZ(50.7288, 30.7713, 34.2761)

Have a look what the booklet for
XYZ(50.7288, 30.7713, 34.2761)
contains.

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Color

**XYZ(50.7288, 30.7713,
34.2761)**

Conversions

Conversions Part 1

Format	Color
Hex	FF599B
RGB	255, 89, 155
RGB Percent	100%, 35%, 61%
CMY	0.0000, 0.6509, 0.3922
CMYK	0.00, 0.65, 0.39, 0.00
HSL	336°, 100%, 67%
HSV	336°, 65%, 100%
XYZ	50.7288, 30.7713, 34.2761
YIQ	146.1580, 77.7500, 55.7180

Conversions

Conversions Part 2

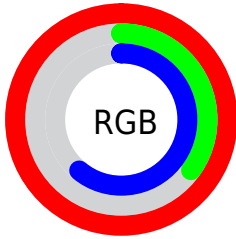
Format	Color
R_{YB}	255, 89, 155
Decimal	16734619
CIE _{Lab}	62.31, 68.02, -1.03
CIE _{LCh}	62, 68.026, 359.134
Yxy	30.7713, 0.4382, 0.2658
Android (android.graphics.Color)	4294924699 (0xFFFF599B)
YUV	146.1580, 4.3591, 95.4544
Hunter-Lab	55.4719, 66.1617, 2.1950

Details

The XYZ color **50.7288, 30.7713, 34.2761** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.0670, 77.3188, 60.4872**, and the grayscale version is **27.3482, 28.7725, 31.3332**.

A 20% lighter version of the original color is **63.1823, 46.7309, 66.0115**, and **24.6480, 12.6510, 14.2395** is the 20% darker color. If you saturate the color by 10%, you get **47.7529, 26.7545, 27.3186**, and if you desaturate by 10%, it is **54.6050, 36.3260, 42.3440**.

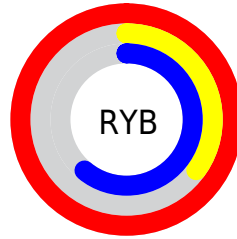
Distribution



Red (100%)

Green (35%)

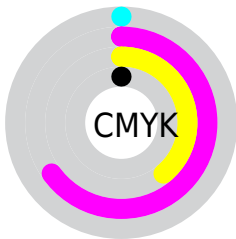
Blue (61%)



Red (100%)

Yellow (35%)

Blue (61%)

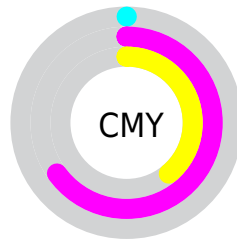


Cyan (0%)

Magenta (65%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7288, 30.7713, 34.2761 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 50.7288, 30.7713, 34.2761 by changing the saturation by 10% instead.


 50.7288, 30.7713,
34.2761


 50.7288, 30.7713,
34.2761


379.9142,
305.4833, 336.1681


 36.2130, 20.4248,
22.8267

 90.4391, 60.8798,
67.5016


 24.7696, 12.7042,
14.2615


 116.3644, 81.4106,
90.1148

 16.0333, 7.2252,
8.1619


 146.8235,
106.1049, 117.2863

 9.6387, 3.6033,
4.1095

 182.1818,
135.3472, 149.4347

 5.2205, 1.4542,
1.6856

222.8047,
169.5217, 186.9786

 2.4133, 0.2562,
0.3508

269.0575,

 0.8517, 0.0000,

209.0130, 230.3364

0.0000

321.3055,
254.2054, 279.9267

■ 0.0000, 0.0000,
0.0000

■ 50.7288, 30.7713,
34.2761

■ 50.7288, 30.7713,
34.2761

■ 47.7529, 26.7545,
27.3186

■ 54.6050, 36.3260,
42.3440

■ 45.5890, 24.1091,
21.4112

■ 59.4532, 43.5525,
51.5742

■ 44.1334, 22.6377,
16.4871

■ 65.3402, 52.5757,
62.0165

■ 43.6075, 22.2070,
14.3971

■ 72.3258, 63.5070,
73.7170

■ 80.4654, 76.4488,
86.7190

89.8104, 91.4962,
101.0636

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.2015, 30.7713, 66.7781



50.7288, 30.7713, 34.2761



47.5703, 30.7713, 14.4035

Triad

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



50.7288, 30.7713, 34.2761



21.4557, 30.7713, 5.8819



21.0813, 30.7713, 98.4792

Complementary

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



50.7288, 30.7713, 34.2761



49.0670, 77.3188, 60.4872

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.



16.3615, 30.7713, 64.7001



50.7288, 30.7713, 34.2761



16.5437, 30.7713, 13.6613

Square

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



50.7288, 30.7713, 34.2761



29.5153, 30.7713, 4.0946



14.8905, 30.7713, 32.7450



28.9807, 30.7713, 113.9281

Rectangle

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



50.7288, 30.7713, 34.2761



42.4088, 30.7713, 7.9466



14.8905, 30.7713, 32.7450



19.1364, 30.7713, 88.2439

Sweetspot

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



50.7296, 30.7729, 34.2766



76.3248, 69.8425, 80.1753



42.5113, 25.1346, 97.2186



15.8564, 14.1870, 16.3891



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.



50.7296, 30.7729, 34.2766



47.0445, 25.8522, 25.4966



48.1574, 32.2090, 13.1321



18.3085, 18.1067, 20.2417



22.8544, 11.6311, 7.8840



2.2773, 1.1533, 1.0419

Inverse Universe

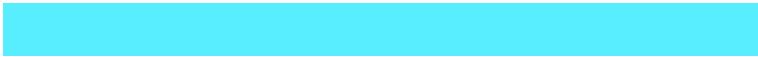
The Inverse Universe completely reimagines the original color for something new.



50.7296, 30.7729, 34.2766



47.0445, 25.8522, 25.4966



52.8622, 70.7271, 105.4733



18.3085, 18.1067, 20.2417



22.8544, 11.6311, 7.8840



2.2773, 1.1533, 1.0419

Previews

White Background



This preview shows how the XYZ color 50.7288, 30.7713, 34.2761 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 50.7288, 30.7713, 34.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

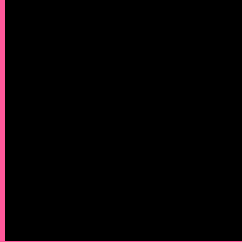
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7288, 30.7713, 34.2761

Background



This preview shows how black text looks on a background with the XYZ color 50.7288, 30.7713, 34.2761.



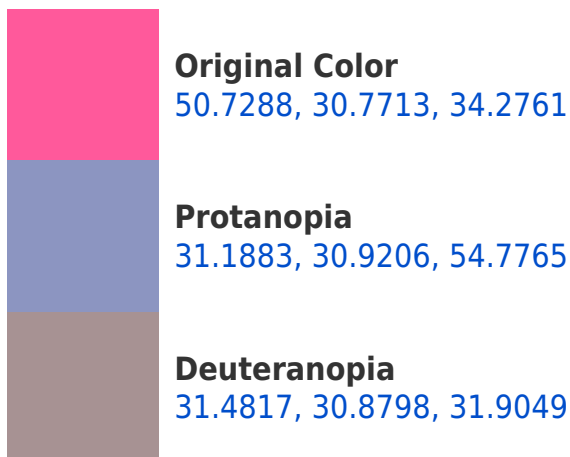
This preview shows how white text looks on a background with the XYZ color 50.7288, 30.7713,

34.2761.

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





Tritanopia

47.3036, 30.8504, 17.0972

Trichromacy



Original Color

50.7288, 30.7713, 34.2761



Protanomaly

35.0175, 28.3785, 46.2798



Deuteranomaly

36.3918, 29.0114, 32.5359



Tritanomaly

48.3290, 30.7036, 22.4480

Monochromacy



Original Color

50.7288, 30.7713, 34.2761



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.0081, 27.2763, 31.9589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7288, 30.7713, 34.2761 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, 89, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 155)  
}
```

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, 89, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.7288, 30.7713, 34.2761 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, 89, 155) }
```


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

```
.border{ border-color:rgb(255, 89, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7288, 30.7713, 34.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 155) }
```

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

```
.background{ background-color: rgb(255, 89,  
155) }
```

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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