

Converting Colors

XYZ(52.6834, 30.6169, 47.4552)

Have a look what the booklet for
XYZ(52.6834, 30.6169, 47.4552)
contains.

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Color

**XYZ(52.7008, 30.6720,
47.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52B6
RGB	255, 82, 182
RGB Percent	100%, 32%, 71%
CMY	0.0000, 0.6784, 0.2863
CMYK	0.00, 0.68, 0.29, 0.00
HSL	325°, 100%, 66%
HSV	325°, 68%, 100%
XYZ	52.7008, 30.6720, 47.3986
YIQ	145.1270, 71.0080, 67.7760

Conversions

Conversions Part 2

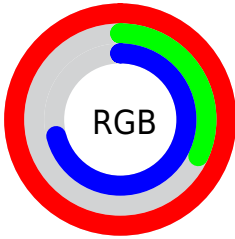
Format	Color
R _Y B	255, 82, 182
Decimal	16732854
CIE Lab	62.23, 73.57, -16.70
CIE LCh	62, 75.441, 347.213
Yxy	30.6720, 0.4030, 0.2345
Android (android.graphics.Color)	4294922934 (0xFFFF52B6)
YUV	145.1270, 18.1784, 96.3586
Hunter-Lab	55.3823, 72.9383, -11.9754

Details

The XYZ color **52.7008, 30.6720, 47.3986** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45.1578, 75.6812, 43.2425**, and the grayscale version is **26.8752, 28.2748, 30.7912**.

A 20% lighter version of the original color is **66.3456, 46.7790, 86.4214**, and **26.2106, 13.0543, 21.9072** is the 20% darker color. If you saturate the color by 10%, you get **50.0526, 27.0875, 41.2384**, and if you desaturate by 10%, it is **56.1501, 35.7217, 54.2480**.

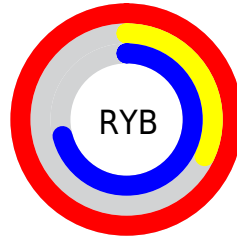
Distribution



Red (100%)

Green (32%)

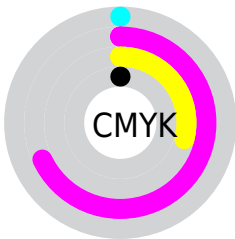
Blue (71%)



Red (100%)

Yellow (32%)

Blue (71%)

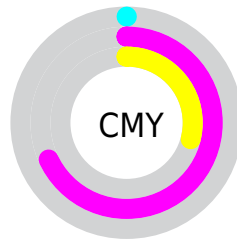


Cyan (0%)

Magenta (68%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (68%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7008, 30.6720, 47.3986 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 52.7008, 30.6720, 47.3986 by changing the saturation by 10% instead.


 52.7008, 30.6720,
47.3986


 52.7008, 30.6720,
47.3986

387.4158,
305.0244, 392.8431


 37.7905, 20.3492,
32.9943


 93.3321, 60.7233,
87.6645


 25.9966, 12.6491,
21.8510


 119.7838, 81.2206,
114.3632

 16.9538, 7.1874,
13.5502


 150.8133,
105.8782, 145.9970

 10.2966, 3.5796,
7.6733

 186.7860,
135.0805, 182.9846

 5.6598, 1.4413,
3.8019

228.0672,
169.2118, 225.7445

 2.6780, 0.2468,
1.5173

275.0224,

 0.9859, 0.0000,

208.6567, 274.6951

0.2308

328.0168,
253.7994, 330.2551

■ 0.0000, 0.0000,
0.0000

■ 52.7008, 30.6720,
47.3986

■ 52.7008, 30.6720,
47.3986

■ 50.0526, 27.0875,
41.2384

■ 56.1501, 35.7217,
54.2480

■ 48.1174, 24.7954,
35.7278

■ 60.4707, 42.3746,
61.8185

■ 46.7822, 23.5726,
30.8197

■ 65.7278, 50.7576,
70.1406

■ 46.5374, 23.3790,
29.8256

■ 71.9791, 60.9838,
79.2424

■ 79.2777, 73.1564,
89.1498

87.6726, 87.3711,
99.8873

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.



45.9996, 30.6720, 87.7570



52.7008, 30.6720, 47.3986



52.1226, 30.6720, 19.4069

Triad

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



52.7008, 30.6720, 47.3986



23.7374, 30.6720, 3.3735



17.7789, 30.6720, 93.7136

Complementary

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



52.7008, 30.6720, 47.3986



45.1578, 75.6812, 43.2425

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.



14.1719, 30.6720, 52.8759



52.7008, 30.6720, 47.3986



17.0216, 30.6720, 7.9617

Square

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



52.7008, 30.6720, 47.3986



33.7016, 30.6720, 3.1364



13.9315, 30.6720, 22.4655



25.0329, 30.6720, 123.2740

Rectangle

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



52.7008, 30.6720, 47.3986



47.6775, 30.6720, 9.6772



13.9315, 30.6720, 22.4655



16.1813, 30.6720, 80.0445

Sweetspot

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



52.7016, 30.6735, 47.3991



77.6093, 70.3563, 86.9395



34.4115, 20.1349, 96.6805



16.1633, 14.3098, 18.0055



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.



52.7016, 30.6735, 47.3991



49.3683, 26.2320, 39.4283



46.3891, 28.1485, 14.1577



18.4496, 18.1631, 20.9847



24.3930, 12.2465, 15.9860



2.4297, 1.2142, 1.8441

Inverse Universe

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



52.7016, 30.6735, 47.3991



49.3683, 26.2320, 39.4283



55.0557, 79.6403, 95.3642



18.4496, 18.1631, 20.9847



24.3930, 12.2465, 15.9860



2.4297, 1.2142, 1.8441

Previews

White Background



This preview shows how the XYZ color 52.7008, 30.6720, 47.3986 looks on a white background.

Color Contrast Check

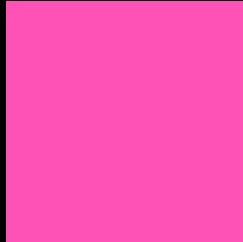
Large Text (above 18pt) WCAG AA × Fail

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 52.7008, 30.6720, 47.3986 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 52.7008, 30.6720, 47.3986

Background



This preview shows how black text looks on a background with the XYZ color 52.7008, 30.6720, 47.3986.



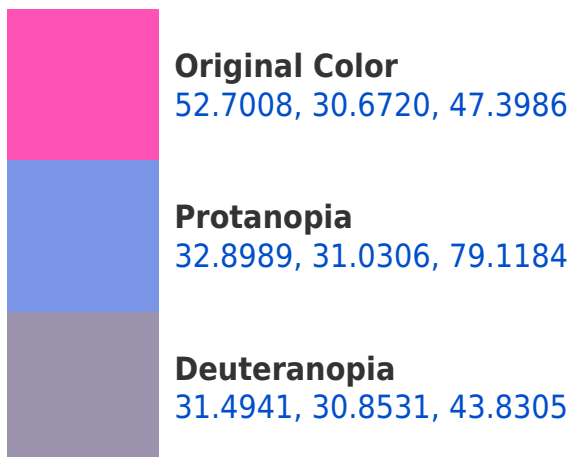
This preview shows how white text looks on a background with the XYZ color 52.7008, 30.6720,

47.3986.

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

46.4274, 30.5298, 17.6332

Trichromacy



Original Color

52.7008, 30.6720, 47.3986



Protanomaly

35.7955, 27.7654, 66.4234



Deuteranomaly

36.4053, 28.3769, 44.6328



Tritanomaly

48.1595, 30.2639, 26.2249

Monochromacy



Original Color

52.7008, 30.6720, 47.3986



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

33.1387, 26.7020, 35.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7008, 30.6720, 47.3986 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, 82, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 182)  
}
```

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, 82, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.7008, 30.6720, 47.3986 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, 82, 182) }
```


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

```
.border{ border-color:rgb(255, 82, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7008, 30.6720, 47.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 182) }
```

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

```
.background{ background-color: rgb(255, 82,  
182) }
```

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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