

Converting Colors

XYZ(63.5760, 46.4807, 69.3409)

Have a look what the booklet for
XYZ(63.5760, 46.4807, 69.3409)
contains.

XYZ(63.5030, 46.3658, 69.2209)	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(63.5030, 46.3658,
69.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91D6
RGB	255, 145, 214
RGB Percent	100%, 57%, 84%
CMY	0.0000, 0.4313, 0.1608
CMYK	0.00, 0.43, 0.16, 0.00
HSL	322°, 100%, 78%
HSV	322°, 43%, 100%
XYZ	63.5030, 46.3658, 69.2209
YIQ	185.7560, 43.4110, 44.7790

Conversions

Conversions Part 2

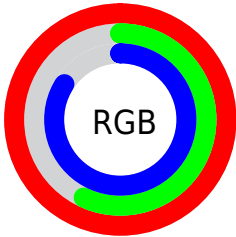
Format	Color
RYB	255, 145, 214
Decimal	16749014
CIELab	73.78, 50.12, -17.17
CIElCh	74, 52.976, 341.084
Yxy	46.3658, 0.3546, 0.2589
Android (android.graphics.Color)	4294939094 (0xFFFF91D6)
YUV	185.7560, 13.9243, 60.7270
Hunter-Lab	68.0924, 47.3073, -12.6079

Details

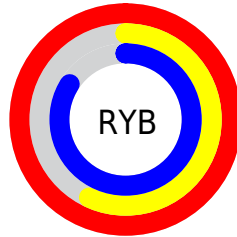
The XYZ color **63.5030, 46.3658, 69.2209** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.3017, 81.0857, 59.1411**, and the grayscale version is **46.4444, 48.8631, 53.2120**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **32.7640, 21.7211, 35.2666** is the 20% darker color. If you saturate the color by 10%, you get **58.8559, 38.9580, 61.8568**, and if you desaturate by 10%, it is **69.0974, 55.5547, 77.2514**.

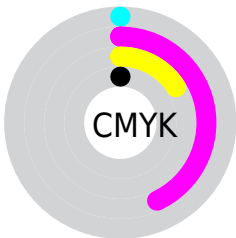
Distribution



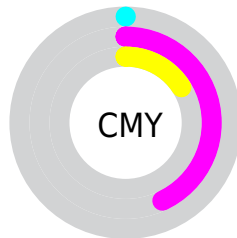
- Red (100%)
- Green (57%)
- Blue (84%)



- Red (100%)
- Yellow (57%)
- Blue (84%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5030, 46.3658, 69.2209 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 63.5030, 46.3658, 69.2209 by changing the saturation by 10% instead.


 63.5030, 46.3658,
69.2209


 63.5030, 46.3658,
69.2209


427.0234,
372.2773, 476.5247

 46.5084, 32.5346,
50.4188


 108.9726, 84.7662,
119.7677

 32.8535, 21.7701,
35.3727


 138.1784,
110.1041, 152.3494

 22.1730, 13.6881,
23.6643


172.1852,
140.0465, 190.3615

 14.1014, 7.9041,
14.8749

211.3585,
174.9775, 234.2223

 8.2734, 4.0336,
8.5860

256.0636,
215.2818, 284.3505

 4.3236, 1.6924,
4.3790

306.6659,

 1.8868, 0.4187,

261.3435, 341.1646

1.8355

363.5307,
313.5473, 405.0832

■ 0.5692, 0.0000,
0.4512

■ 0.0000, 0.0000,
0.0000

■ 63.5030, 46.3658,
69.2209

■ 63.5030, 46.3658,
69.2209

■ 58.8559, 38.9580,
61.8568

■ 69.0974, 55.5547,
77.2514

■ 55.0926, 33.2063,
55.1303

■ 75.6909, 66.6265,
85.9697

■ 52.1463, 28.9791,
49.0137

■ 83.3349, 79.6825,
95.3990

■ 49.9387, 26.1221,
43.4747

■ 92.0766, 94.8150,
105.5606

■ 48.3751, 24.4475, 95.0500, 100.0000,
38.4752 108.9000

■ 47.5809, 23.7964,
35.3207

Harmonies

Analogous

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



57.0648, 46.3658, 100.4974



63.5030, 46.3658, 69.2209



64.3228, 46.3658, 41.1613

Triad

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



63.5030, 46.3658, 69.2209



40.6808, 46.3658, 14.7897



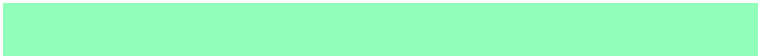
31.7869, 46.3658, 92.7814

Complementary

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



63.5030, 46.3658, 69.2209



56.3017, 81.0857, 59.1411

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.



28.5877, 46.3658, 61.1188



63.5030, 46.3658, 69.2209



33.2137, 46.3658, 20.6274

Square

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



63.5030, 46.3658, 69.2209



50.2007, 46.3658, 15.6129



29.0699, 46.3658, 35.4766



38.4586, 46.3658, 117.1047

Rectangle

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



63.5030, 46.3658, 69.2209



61.4570, 46.3658, 28.1739



29.0699, 46.3658, 35.4766



30.3158, 46.3658, 82.2517

Sweetspot

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



63.5041, 46.3678, 69.2218



83.4453, 79.8725, 95.5310



48.2654, 37.8290, 99.3656



17.4790, 16.4403, 19.9883



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.



63.5041, 46.3678, 69.2218



59.3377, 39.7131, 62.6599



57.6829, 44.0393, 38.5678



18.4887, 18.1788, 21.1905



24.9367, 12.4640, 18.8491



2.4809, 1.2347, 2.1140

Inverse Universe

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



63.5041, 46.3678, 69.2218



59.3377, 39.7131, 62.6599



63.2160, 83.8515, 95.5517



18.4887, 18.1788, 21.1905



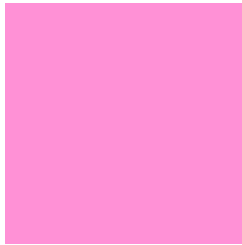
24.9367, 12.4640, 18.8491



2.4809, 1.2347, 2.1140

Previews

White Background



This preview shows how the XYZ color 63.5030, 46.3658, 69.2209 looks on a white background.

Color Contrast Check

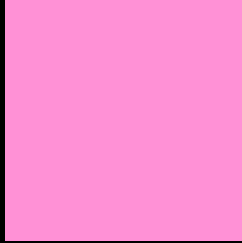
Large Text (above 18pt) WCAG AA × Fail

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 63.5030, 46.3658, 69.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

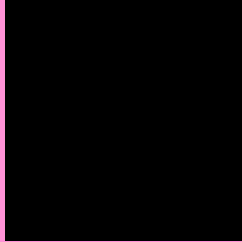
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5030, 46.3658, 69.2209

Background



This preview shows how black text looks on a background with the XYZ color 63.5030, 46.3658, 69.2209.

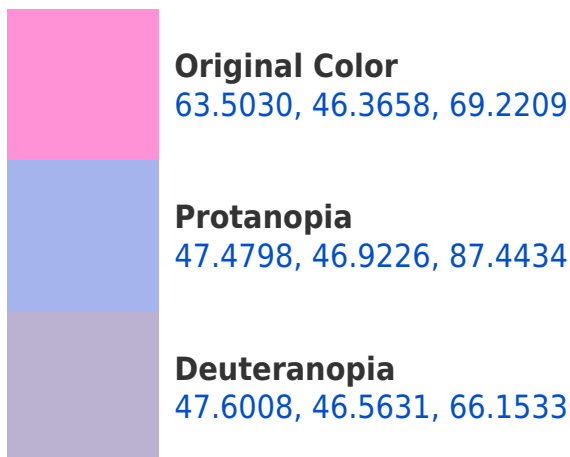


This preview shows how white text looks on a background with the XYZ color 63.5030, 46.3658,

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

58.0286, 46.5199, 41.9972

Trichromacy



Original Color

63.5030, 46.3658, 69.2209



Protanomaly

51.2503, 45.3003, 80.1714



Deuteranomaly

52.2394, 45.5605, 67.0135



Tritanomaly

59.7587, 46.2476, 50.5768

Monochromacy



Original Color

63.5030, 46.3658, 69.2209



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.3907, 46.9602, 58.5802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5030, 46.3658, 69.2209 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, 145, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.5030, 46.3658, 69.2209 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, 145, 214) }
```


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

```
.border{ border-color:rgb(255, 145, 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, 145, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5030, 46.3658, 69.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 214) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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