

Converting Colors

XYZ(63.6545, 47.6567, 66.2262)

Have a look what the booklet for
XYZ(63.6545, 47.6567, 66.2262)
contains.

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Color

**XYZ(63.6550, 47.6761,
66.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96D1
RGB	255, 150, 209
RGB Percent	100%, 59%, 82%
CMY	0.0000, 0.4117, 0.1804
CMYK	0.00, 0.41, 0.18, 0.00
HSL	326°, 100%, 79%
HSV	326°, 41%, 100%
XYZ	63.6550, 47.6761, 66.1690
YIQ	188.1210, 43.6410, 40.6090

Conversions

Conversions Part 2

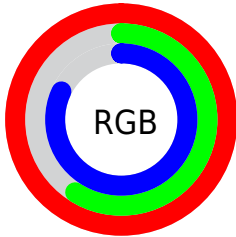
Format	Color
R_{YB}	255, 150, 209
Decimal	16750289
CIE _{Lab}	74.62, 46.85, -13.16
CIE _{LCh}	75, 48.666, 344.306
Yxy	47.6761, 0.3586, 0.2686
Android (android.graphics.Color)	4294940369 (0xFFFF96D1)
YUV	188.1210, 10.2933, 58.6529
Hunter-Lab	69.0479, 43.7247, -8.4844

Details

The XYZ color **63.6550, 47.6761, 66.1690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3032, 81.9904, 64.9806**, and the grayscale version is **47.7958, 50.2849, 54.7603**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.8642, 22.4681, 33.6150** is the 20% darker color. If you saturate the color by 10%, you get **58.6846, 39.8718, 57.9257**, and if you desaturate by 10%, it is **69.6099, 57.2938, 75.2201**.

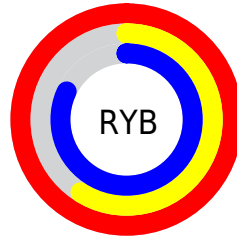
Distribution



Red (100%)

Green (59%)

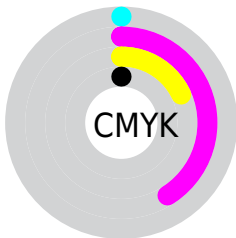
Blue (82%)



Red (100%)

Yellow (59%)

Blue (82%)

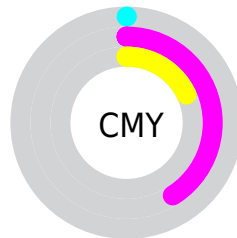


Cyan (0%)

Magenta (41%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6550, 47.6761, 66.1690 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 63.6550, 47.6761, 66.1690 by changing the saturation by 10% instead.


 63.6550, 47.6761,
66.1690


 63.6550, 47.6761,
66.1690


427.5647,
377.5068, 465.4017

 46.6319, 33.5705,
47.9523


 109.1904, 86.7220,
115.3582

 32.9515, 22.5638,
33.4294


 138.4335,
112.4310, 147.1677

 22.2484, 14.2718,
22.1818


172.4807,
142.7765, 184.3452

 14.1571, 8.3099,
13.7909

211.6973,
178.1431, 227.3093

 8.3125, 4.2939,
7.8383

256.4486,
218.9150, 276.4784

 4.3490, 1.8393,
3.9054

307.1000,

 1.9014, 0.5115,

265.4766, 332.2712

1.5736

364.0170,
318.2125, 395.1061

■ 0.5777, 0.0000,
0.2719

■ 0.0000, 0.0000,
0.0000

■ 63.6550, 47.6761,
66.1690

■ 63.6550, 47.6761,
66.1690

■ 58.6846, 39.8718,
57.9257

■ 69.6099, 57.2938,
75.2201

■ 54.6354, 33.7580,
50.4578

■ 76.6006, 68.8252,
85.1041

■ 51.4416, 29.2061,
43.7338

■ 84.6789, 82.3703,
95.8477

■ 49.0264, 26.0661,
37.7178

■ 93.8919, 98.0205,
107.4757

■ 47.2981, 24.1579,
32.3684

95.0500, 100.0000,
108.9000

■ 46.2193, 23.2517,
28.1504

Harmonies

Analogous

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



58.2050, 47.6761, 94.9369



63.6550, 47.6761, 66.1690



63.7883, 47.6761, 40.8236

Triad

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



63.6550, 47.6761, 66.1690



41.2569, 47.6761, 17.6669



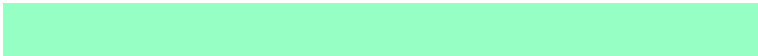
34.2424, 47.6761, 93.7001

Complementary

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



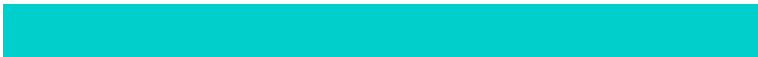
63.6550, 47.6761, 66.1690



58.3032, 81.9904, 64.9806

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.



30.8040, 47.6761, 64.8439



63.6550, 47.6761, 66.1690



34.4836, 47.6761, 24.3607

Square

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



63.6550, 47.6761, 66.1690



50.0524, 47.6761, 17.8155



30.8862, 47.6761, 39.8644



40.8858, 47.6761, 114.0145

Rectangle

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



63.6550, 47.6761, 66.1690



60.7951, 47.6761, 29.0901



30.8862, 47.6761, 39.8644



32.7141, 47.6761, 84.3316

Sweetspot

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



63.6561, 47.6782, 66.1699



83.9693, 81.1730, 94.9271



51.5934, 40.7040, 99.7451



17.7360, 16.9753, 20.0093



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.



63.6561, 47.6782, 66.1699



59.6848, 41.4208, 59.6510



58.2336, 45.5092, 37.6158



18.4368, 18.1581, 20.9176



24.2270, 12.1801, 15.1115



2.4138, 1.2079, 1.7606

Inverse Universe

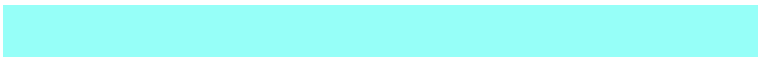
The Inverse Universe completely reimagines the original color for something new.



63.6561, 47.6782, 66.1699



59.6848, 41.4208, 59.6510



65.2822, 84.7820, 101.7311



18.4368, 18.1581, 20.9176



24.2270, 12.1801, 15.1115



2.4138, 1.2079, 1.7606

Previews

White Background



This preview shows how the XYZ color 63.6550, 47.6761, 66.1690 looks on a white background.

Color Contrast Check

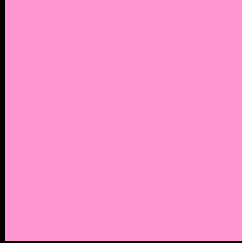
Large Text (above 18pt) WCAG AA × Fail

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 63.6550, 47.6761, 66.1690 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 63.6550, 47.6761, 66.1690

Background



This preview shows how black text looks on a background with the XYZ color 63.6550, 47.6761, 66.1690.



This preview shows how white text looks on a background with the XYZ color 63.6550, 47.6761,

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

63.6550, 47.6761, 66.1690

Protanopia

48.1650, 47.9961, 82.3269

Deuteranopia

49.0115, 47.9373, 63.7964



Tritanopia

59.1720, 47.8275, 43.6490

Trichromacy



Original Color

63.6550, 47.6761, 66.1690



Protanomaly

52.0511, 46.6337, 76.0699



Deuteranomaly

53.4621, 47.0604, 64.6583



Tritanomaly

60.5180, 47.5988, 51.3452

Monochromacy



Original Color

63.6550, 47.6761, 66.1690



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.2512, 48.2547, 58.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6550, 47.6761, 66.1690 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, 150, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 209)  
}
```

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, 150, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 209) }
```

Border

The CSS property to change the border of an element to XYZ 63.6550, 47.6761, 66.1690 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, 150, 209) }
```


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

```
.border{ border-color:rgb(255, 150, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6550, 47.6761, 66.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 209) }
```

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

```
.background{ background-color: rgb(255,  
150, 209) }
```

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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