

Converting Colors

XYZ(63.1027, 48.2310, 60.8689)

Have a look what the booklet for
XYZ(63.1027, 48.2310, 60.8689)
contains.

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Color

**XYZ(63.0566, 48.2126,
60.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C8
RGB	255, 153, 200
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.4000, 0.2157
CMYK	0.00, 0.40, 0.22, 0.00
HSL	332°, 100%, 80%
HSV	332°, 40%, 100%
XYZ	63.0566, 48.2126, 60.6261
YIQ	188.8560, 45.7050, 36.2410

Conversions

Conversions Part 2

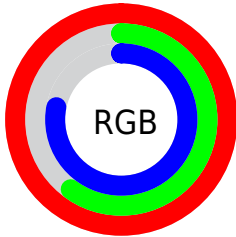
Format	Color
R_{YB}	255, 153, 200
Decimal	16751048
CIE _{Lab}	74.96, 44.02, -7.71
CIE _{LCh}	75, 44.688, 350.063
Yxy	48.2126, 0.3668, 0.2805
Android (android.graphics.Color)	4294941128 (0xFFFF99C8)
YUV	188.8560, 5.4940, 58.0083
Hunter-Lab	69.4353, 40.5903, -3.1632

Details

The XYZ color **63.0566, 48.2126, 60.6261** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2839, 82.8473, 72.4919**, and the grayscale version is **48.2400, 50.7522, 55.2692**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **32.5104, 22.9254, 29.9057** is the 20% darker color. If you saturate the color by 10%, you get **57.7845, 40.1257, 51.2935**, and if you desaturate by 10%, it is **69.3672, 58.1451, 71.0192**.

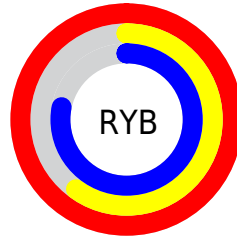
Distribution



Red (100%)

Green (60%)

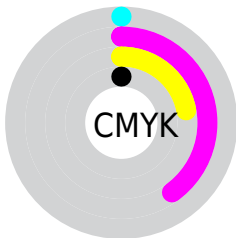
Blue (78%)



Red (100%)

Yellow (60%)

Blue (78%)

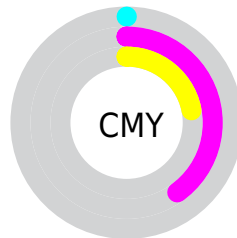


Cyan (0%)

Magenta (40%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0566, 48.2126, 60.6261 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 63.0566, 48.2126, 60.6261 by changing the saturation by 10% instead.


 63.0566, 48.2126,
60.6261


 63.0566, 48.2126,
60.6261


425.4313,
379.6342, 444.7703

 46.1458, 33.9953,
43.4949

 108.3325, 87.5209,
107.2896

 32.5660, 22.8900,
29.9393


 137.4284,
113.3806, 137.6590

 21.9518, 14.5123,
19.5409


171.3166,
143.8899, 173.2782

 13.9379, 8.4778,
11.8810

210.3626,
179.4332, 214.5658

 8.1589, 4.4022,
6.5411

254.9317,
220.3949, 261.9402

 4.2495, 1.9010,
3.1028

305.3893,

 1.8442, 0.5490,

267.1594, 315.8201

1.1473

362.1007,
320.1110, 376.6239

■ 0.5441, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0566, 48.2126,
60.6261

■ 63.0566, 48.2126,
60.6261

■ 57.7845, 40.1257,
51.2935

■ 69.3672, 58.1451,
71.0192

■ 53.4865, 33.7618,
42.9795

■ 76.7690, 70.0226,
82.5066

■ 50.0957, 28.9934,
35.6428

■ 85.3147, 83.9453,
95.1238

■ 47.5348, 25.6725,
29.2374

95.0500, 100.0000,
108.9000

■ 45.7121, 23.6225,
23.7112

■ 44.4803, 22.5562,
18.9927

■ 44.4800, 22.5560,
18.9916

Harmonies

Analogous

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



58.9198, 48.2126, 86.8938



63.0566, 48.2126, 60.6261



62.1751, 48.2126, 38.5562

Triad

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



63.0566, 48.2126, 60.6261



40.6566, 48.2126, 20.6187



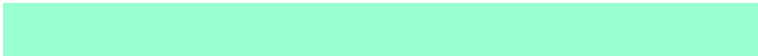
36.4839, 48.2126, 94.9695

Complementary

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



63.0566, 48.2126, 60.6261



60.2839, 82.8473, 72.4919

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.



32.6258, 48.2126, 69.4444



63.0566, 48.2126, 60.6261



34.8295, 48.2126, 28.6359

Square

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



63.0566, 48.2126, 60.6261



48.5821, 48.2126, 19.5386



32.0583, 48.2126, 45.1261



43.1736, 48.2126, 110.2654

Rectangle

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



63.0566, 48.2126, 60.6261



58.8935, 48.2126, 28.5852



32.0583, 48.2126, 45.1261



34.8481, 48.2126, 87.0002

Sweetspot

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



63.0577, 48.2148, 60.6270



83.5094, 80.9890, 92.5050



55.2872, 43.3281, 100.0570



17.6279, 16.9320, 19.4396



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.



63.0577, 48.2148, 60.6270



58.7578, 41.5997, 53.0751



58.9471, 47.4736, 36.1963



18.3575, 18.1263, 20.4999



23.3152, 11.8154, 10.3104



2.3245, 1.1722, 1.2905

Inverse Universe

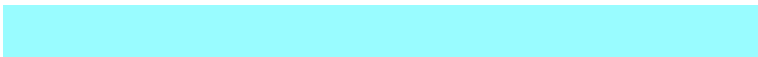
The Inverse Universe completely reimagines the original color for something new.



63.0577, 48.2148, 60.6270



58.7578, 41.5997, 53.0751



65.8731, 83.3629, 107.2265



18.3575, 18.1263, 20.4999



23.3152, 11.8154, 10.3104



2.3245, 1.1722, 1.2905

Previews

White Background



This preview shows how the XYZ color 63.0566, 48.2126, 60.6261 looks on a white background.

Color Contrast Check

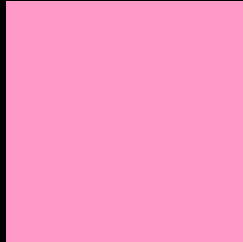
Large Text (above 18pt) WCAG AA × Fail

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 63.0566, 48.2126, 60.6261 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 63.0566, 48.2126, 60.6261

Background



This preview shows how black text looks on a background with the XYZ color 63.0566, 48.2126, 60.6261.



This preview shows how white text looks on a background with the XYZ color 63.0566, 48.2126,

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

63.0566, 48.2126, 60.6261

Protanopia

48.0798, 48.4464, 73.8349

Deuteranopia

49.2591, 48.1861, 58.3344



Tritanopia

59.6274, 48.0514, 44.1624

Trichromacy



Original Color

63.0566, 48.2126, 60.6261



Protanomaly

52.0898, 47.3803, 68.6872



Deuteranomaly

53.6662, 47.8407, 59.2290



Tritanomaly

60.7370, 47.9958, 49.7790

Monochromacy



Original Color

63.0566, 48.2126, 60.6261



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.5915, 49.0471, 57.1472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0566, 48.2126, 60.6261 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, 153, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 200)  
}
```

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, 153, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.0566, 48.2126, 60.6261 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, 153, 200) }
```


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

```
.border{ border-color:rgb(255, 153, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0566, 48.2126, 60.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 200) }
```

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

```
.background{ background-color: rgb(255,  
153, 200) }
```

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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