

Converting Colors

XYZ(90.2340, 60.5144, 66.8850)

Have a look what the booklet for
XYZ(90.2340, 60.5144, 66.8850)
contains.

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Color

**XYZ(62.9041, 46.3718,
65.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92D0
RGB	255, 146, 208
RGB Percent	100%, 57%, 82%
CMY	0.0000, 0.4274, 0.1843
CMYK	0.00, 0.43, 0.18, 0.00
HSL	326°, 100%, 79%
HSV	326°, 43%, 100%
XYZ	62.9041, 46.3718, 65.3098
YIQ	185.6590, 45.0620, 42.3900

Conversions

Conversions Part 2

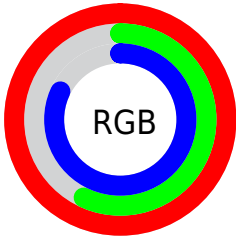
Format	Color
R _Y B	255, 146, 208
Decimal	16749264
CIE Lab	73.79, 48.72, -13.87
CIE LCh	74, 50.655, 344.114
Yxy	46.3718, 0.3603, 0.2656
Android (android.graphics.Color)	4294939344 (0xFFFF92D0)
YUV	185.6590, 11.0141, 60.8121
Hunter-Lab	68.0968, 45.7190, -9.1956

Details

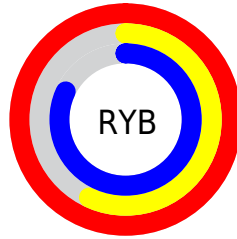
The XYZ color **62.9041, 46.3718, 65.3098** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.2414, 81.4821, 63.1659**, and the grayscale version is **46.4053, 48.8220, 53.1672**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **32.4248, 21.7231, 33.0559** is the 20% darker color. If you saturate the color by 10%, you get **58.0962, 38.8465, 57.2625**, and if you desaturate by 10%, it is **68.6845, 55.6918, 74.1451**.

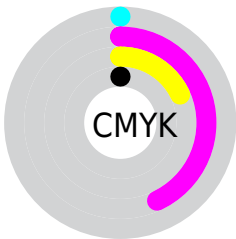
Distribution



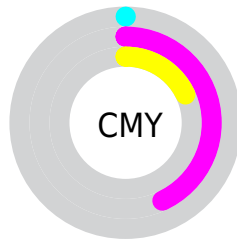
- Red (100%)
- Green (57%)
- Blue (82%)



- Red (100%)
- Yellow (57%)
- Blue (82%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9041, 46.3718, 65.3098 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 62.9041, 46.3718, 65.3098 by changing the saturation by 10% instead.


 62.9041, 46.3718,
65.3098


 62.9041, 46.3718,
65.3098


424.8866,
372.3014, 462.2411

 46.0220, 32.5393,
47.2594

 108.1137, 84.7752,
114.1127

 32.4679, 21.7738,
32.8849


 137.1720,
110.1148, 145.7022

 21.8764, 13.6908,
21.7679


171.0196,
140.0590, 182.6419

 13.8822, 7.9059,
13.4898

210.0220,
174.9921, 225.3502

 8.1199, 4.0348,
7.6320

254.5446,
215.2985, 274.2458

 4.2242, 1.6930,
3.7760

304.9526,

 1.8298, 0.4191,

261.3626, 329.7471

1.5033

361.6115,
313.5687, 392.2727

■ 0.5355, 0.0000,
0.2204

■ 0.0000, 0.0000,
0.0000

■ 62.9041, 46.3718,
65.3098

■ 62.9041, 46.3718,
65.3098

■ 58.0962, 38.8465,
57.2625

■ 68.6845, 55.6918,
74.1451

■ 54.1967, 32.9911,
49.9710

■ 75.4896, 66.9081,
83.7933

■ 51.1386, 28.6745,
43.4038

■ 83.3714, 80.1221,
94.2810

■ 48.8434, 25.7428,
37.5249

■ 92.3775, 95.4259,
105.6326

■ 47.2162, 24.0098, 95.0500, 100.0000,
32.2922 108.9000

■ 46.3541, 23.3056,
28.8603

Harmonies

Analogous

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



57.2528, 46.3718, 95.0914



62.9041, 46.3718, 65.3098



63.0799, 46.3718, 39.3434

Triad

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



62.9041, 46.3718, 65.3098



39.9881, 46.3718, 16.0629



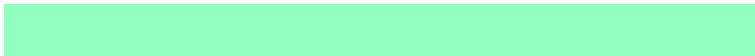
32.7806, 46.3718, 93.4476

Complementary

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



62.9041, 46.3718, 65.3098



57.2414, 81.4821, 63.1659

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.



29.3312, 46.3718, 63.5674



62.9041, 46.3718, 65.3098



33.0923, 46.3718, 22.6109

Square

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



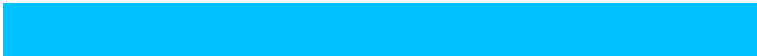
62.9041, 46.3718, 65.3098



48.9841, 46.3718, 16.2485



29.4369, 46.3718, 38.1026



39.5054, 46.3718, 114.7403

Rectangle

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



62.9041, 46.3718, 65.3098



60.0124, 46.3718, 27.4824



29.4369, 46.3718, 38.1026



31.2430, 46.3718, 83.7024

Sweetspot

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



62.9051, 46.3738, 65.3107



83.1547, 79.7562, 94.0003



49.9216, 38.9107, 99.4871



17.4072, 16.4116, 19.6098



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.



62.9051, 46.3738, 65.3107



58.8670, 40.0344, 58.6097



57.4437, 44.1893, 36.5514



18.4423, 18.1602, 20.9463



24.2973, 12.2082, 15.4822



2.4206, 1.2106, 1.7961

Inverse Universe

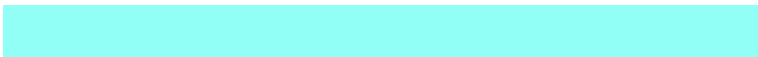
The Inverse Universe completely reimagines the original color for something new.



62.9051, 46.3738, 65.3107



58.8670, 40.0344, 58.6097



64.2370, 84.2803, 100.0042



18.4423, 18.1602, 20.9463



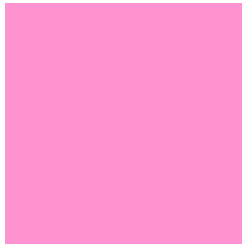
24.2973, 12.2082, 15.4822



2.4206, 1.2106, 1.7961

Previews

White Background



This preview shows how the XYZ color 62.9041, 46.3718, 65.3098 looks on a white background.

Color Contrast Check

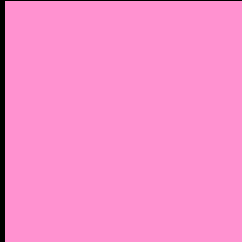
Large Text (above 18pt) WCAG AA × Fail

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 62.9041, 46.3718, 65.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

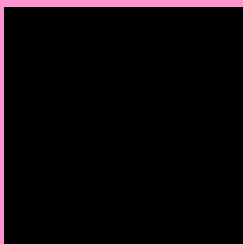
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9041, 46.3718, 65.3098

Background



This preview shows how black text looks on a background with the XYZ color 62.9041, 46.3718, 65.3098.



This preview shows how white text looks on a background with the XYZ color 62.9041, 46.3718,

65.3098.

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

62.9041, 46.3718, 65.3098

Protanopia

47.1072, 46.8471, 82.1609

Deuteranopia

47.7368, 46.7032, 62.9985



Tritanopia

58.2222, 46.3736, 41.9587

Trichromacy



Original Color

62.9041, 46.3718, 65.3098



Protanomaly

51.1413, 45.6123, 75.9207



Deuteranomaly

52.3872, 45.9764, 63.8708



Tritanomaly

59.5520, 46.1649, 49.4880

Monochromacy



Original Color

62.9041, 46.3718, 65.3098



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.1645, 46.8697, 57.3890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9041, 46.3718, 65.3098 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, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 208)  
}
```

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, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.9041, 46.3718, 65.3098 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, 146, 208) }
```


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

```
.border{ border-color:rgb(255, 146, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 208); box-shadow:4px 4px 4px 4px rgb(255, 146, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9041, 46.3718, 65.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 208) }
```

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

```
.background{ background-color: rgb(255,  
146, 208) }
```

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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