

Converting Colors

XYZ(109.4139, 70.8788,
72.2445)

Have a look what the booklet for
XYZ(109.4139, 70.8788, 72.2445)
contains.

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Color

**XYZ(64.2532, 47.6612,
70.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95D7
RGB	255, 149, 215
RGB Percent	100%, 58%, 84%
CMY	0.0000, 0.4157, 0.1569
CMYK	0.00, 0.42, 0.16, 0.00
HSL	323°, 100%, 79%
HSV	323°, 42%, 100%
XYZ	64.2532, 47.6612, 70.1030
YIQ	188.2180, 41.9900, 42.9980

Conversions

Conversions Part 2

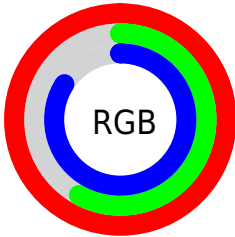
Format	Color
R _Y B	255, 149, 215
Decimal	16750039
CIE Lab	74.61, 48.26, -16.47
CIE LCh	75, 50.993, 341.153
Yxy	47.6612, 0.3530, 0.2618
Android (android.graphics.Color)	4294940119 (0xFFFF95D7)
YUV	188.2180, 13.2035, 58.5678
Hunter-Lab	69.0371, 45.3160, -11.8795

Details

The XYZ color **64.2532, 47.6612, 70.1030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.3415, 81.5845, 60.8724**, and the grayscale version is **47.8356, 50.3268, 54.8059**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **33.2023, 22.4582, 35.8426** is the 20% darker color. If you saturate the color by 10%, you get **59.4511, 39.9780, 62.5802**, and if you desaturate by 10%, it is **70.0134, 57.1439, 78.3052**.

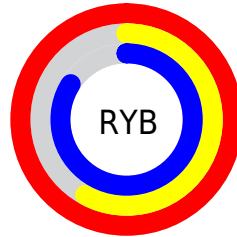
Distribution



Red (100%)

Green (58%)

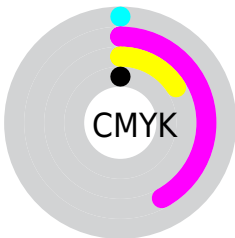
Blue (84%)



Red (100%)

Yellow (58%)

Blue (84%)

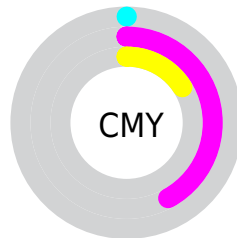


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2532, 47.6612, 70.1030 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 64.2532, 47.6612, 70.1030 by changing the saturation by 10% instead.


 64.2532, 47.6612,
70.1030


 64.2532, 47.6612,
70.1030


429.6912,
377.4476, 479.7105

 47.1182, 33.5587,
51.1332

 110.0472, 86.6998,
121.0381

 33.3375, 22.5548,
35.9372


 139.4369,
112.4046, 153.8405

 22.5456, 14.2651,
24.0964


173.6423,
142.7456, 192.0908

 14.3772, 8.3053,
15.1922

213.0287,
178.1072, 236.2076

 8.4669, 4.2909,
8.8063

257.9614,
218.8738, 286.6095

 4.4494, 1.8376,
4.5200

308.8058,

 1.9594, 0.5104,

265.4298, 343.7149

1.9147

365.9273,
318.1596, 407.9423

■ 0.6110, 0.0000,
0.5021

■ 0.0000, 0.0000,
0.0000

■ 64.2532, 47.6612,
70.1030

■ 64.2532, 47.6612,
70.1030

■ 59.4511, 39.9780,
62.5802

■ 70.0134, 57.1439,
78.3052

■ 55.5442, 33.9709,
55.7079

■ 76.7826, 68.5263,
87.2080

■ 52.4672, 29.5113,
49.4588

■ 84.6117, 81.9084,
96.8348

■ 50.1437, 26.4483,
43.8009

■ 93.5475, 97.3817,
107.2068

■ 48.4821, 24.6009, 95.0500, 100.0000,
38.6971 108.9000

■ 47.4781, 23.7552,
34.7791

Harmonies

Analogous

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



58.0090, 47.6612, 100.3320



64.2532, 47.6612, 70.1030



65.0343, 47.6612, 42.6733

Triad

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



64.2532, 47.6612, 70.1030



41.9544, 47.6612, 16.3000



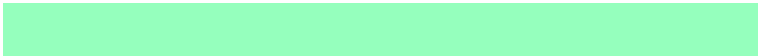
33.2107, 47.6612, 93.0329

Complementary

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



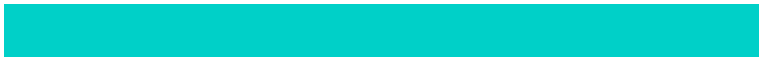
64.2532, 47.6612, 70.1030



57.3415, 81.5845, 60.8724

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.



30.0267, 47.6612, 62.3577



64.2532, 47.6612, 70.1030



34.5985, 47.6612, 22.2656

Square

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



64.2532, 47.6612, 70.1030



51.2778, 47.6612, 17.1292



30.4977, 47.6612, 37.1489



39.8068, 47.6612, 116.3724

Rectangle

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



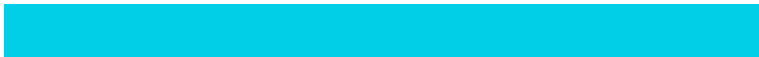
64.2532, 47.6612, 70.1030



62.2453, 47.6612, 29.7957



30.4977, 47.6612, 37.1489



31.7491, 47.6612, 82.8722

Sweetspot

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



64.2543, 47.6633, 70.1039



84.2494, 81.2850, 96.4018



49.5057, 39.3919, 99.6019



17.8020, 17.0017, 20.3567



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.



64.2543, 47.6633, 70.1039



60.1425, 41.0676, 63.7147



58.6118, 45.4063, 40.3907



18.4850, 18.1773, 21.1711



24.8832, 12.4426, 18.5673



2.4759, 1.2327, 2.0876

Inverse Universe

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



64.2543, 47.6633, 70.1039



60.1425, 41.0676, 63.7147



64.0130, 84.2531, 96.0040



18.4850, 18.1773, 21.1711



24.8832, 12.4426, 18.5673



2.4759, 1.2327, 2.0876

Previews

White Background



This preview shows how the XYZ color 64.2532, 47.6612, 70.1030 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 64.2532, 47.6612, 70.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

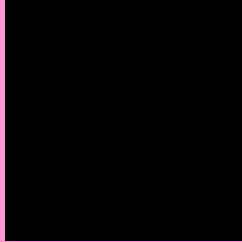
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2532, 47.6612, 70.1030

Background



This preview shows how black text looks on a background with the XYZ color 64.2532, 47.6612, 70.1030.



This preview shows how white text looks on a background with the XYZ color 64.2532, 47.6612,

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

64.2532, 47.6612, 70.1030

Protanopia

48.5228, 48.0640, 87.6088

Deuteranopia

48.9882, 47.8405, 67.6250



Tritanopia

58.9069, 47.6800, 44.1286

Trichromacy



Original Color

64.2532, 47.6612, 70.1030



Protanomaly

52.4771, 46.7420, 81.1192



Deuteranomaly

53.6179, 47.0549, 68.5439



Tritanomaly

60.7292, 47.6833, 52.4574

Monochromacy



Original Color

64.2532, 47.6612, 70.1030



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.4805, 48.3464, 59.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2532, 47.6612, 70.1030 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, 149, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 215)  
}
```

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, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.2532, 47.6612, 70.1030 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, 149, 215) }
```


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

```
.border{ border-color:rgb(255, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2532, 47.6612, 70.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 215) }
```

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

```
.background{ background-color: rgb(255,  
149, 215) }
```

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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