

Converting Colors

XYZ(47.5614, 25.8663, 28.8123)

Have a look what the booklet for
XYZ(47.5614, 25.8663, 28.8123)
contains.

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Color

**XYZ(47.5932, 25.9120,
28.8786)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3690
RGB	255, 54, 144
RGB Percent	100%, 21%, 56%
CMY	0.0000, 0.7882, 0.4353
CMYK	0.00, 0.79, 0.44, 0.00
HSL	333°, 100%, 61%
HSV	333°, 79%, 100%
XYZ	47.5932, 25.9120, 28.8786
YIQ	124.3590, 90.9060, 70.6020

Conversions

Conversions Part 2

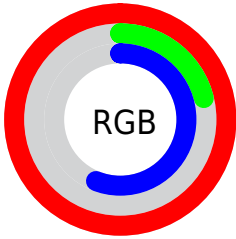
Format	Color
R_YB	255, 54, 144
Decimal	16725648
CIE Lab	57.95, 78.28, -0.99
CIE LCh	58, 78.286, 359.273
Yxy	25.9120, 0.4649, 0.2531
Android (android.graphics.Color)	4294915728 (0xFFFF3690)
YUV	124.3590, 9.6830, 114.5722
Hunter-Lab	50.9038, 77.8092, 1.9965

Details

The XYZ color **47.5932, 25.9120, 28.8786** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **44.0751, 75.0217, 47.7627**, and the grayscale version is **19.2279, 20.2293, 22.0297**.

A 20% lighter version of the original color is **58.2704, 39.0120, 57.8850**, and **23.7586, 12.0146, 11.6565** is the 20% darker color. If you saturate the color by 10%, you get **45.6912, 23.7247, 23.2611**, and if you desaturate by 10%, it is **50.2520, 29.3983, 35.4113**.

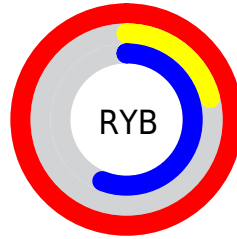
Distribution



Red (100%)

Green (21%)

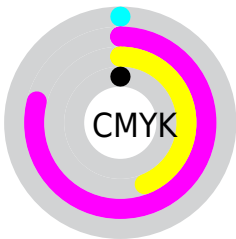
Blue (56%)



Red (100%)

Yellow (21%)

Blue (56%)

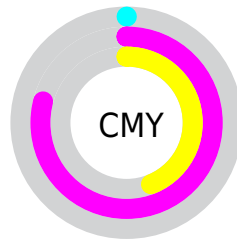


Cyan (0%)

Magenta (79%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5932, 25.9120, 28.8786 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 47.5932, 25.9120, 28.8786 by changing the saturation by 10% instead.


 47.5932, 25.9120,
28.8786


 47.5932, 25.9120,
28.8786

367.7869,
282.3498, 310.6847


 33.7148, 16.7578,
18.7442


 85.8118, 53.1329,
58.9240


 22.8364, 10.0620,
11.3107


 110.8826, 71.9685,
79.6722


 14.5928, 5.4401,
6.1594


 140.4150, 94.8000,
104.7953

 8.6185, 2.5077,
2.8719

 174.7742,
122.0117, 134.7119

 4.5483, 0.8805,
1.0296

 214.3256,
153.9882, 169.8407

 2.0168, 0.0000,
0.0000

259.4347,

 0.6434, 0.0000,

191.1138, 210.6000

0.0000

310.4666,
233.7729, 257.4085

■ 0.0000, 0.0000,
0.0000

■ 47.5932, 25.9120,
28.8786

■ 47.5932, 25.9120,
28.8786

■ 45.6912, 23.7247,
23.2611

■ 50.2520, 29.3983,
35.4113

■ 44.4154, 22.5825,
18.4903

■ 53.7556, 34.3515,
42.9110

■ 44.2867, 22.4787,
17.9743

■ 58.1810, 40.9188,
51.4255

■ 63.5955, 49.2282,
60.9981

■ 70.0599, 59.3946,
71.6692

■ 77.6298, 71.5229,
83.4766

■ 86.3568, 85.7103,
96.4562

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



43.7514, 25.9120, 63.9680



47.5932, 25.9120, 28.8786



44.0902, 25.9120, 9.6684

Triad

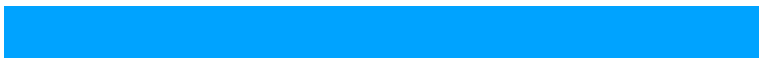
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.5932, 25.9120, 28.8786



16.7788, 25.9120, 2.8263



16.4718, 25.9120, 100.6106

Complementary

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



47.5932, 25.9120, 28.8786



44.0751, 75.0217, 47.7627

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.



11.9489, 25.9120, 62.0163



47.5932, 25.9120, 28.8786



12.0916, 25.9120, 9.1196

Square

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



47.5932, 25.9120, 28.8786



24.8596, 25.9120, 1.6236



10.5753, 25.9120, 27.5592



24.3990, 25.9120, 118.6078

Rectangle

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



47.5932, 25.9120, 28.8786



38.4663, 25.9120, 4.3135



10.5753, 25.9120, 27.5592



14.5850, 25.9120, 88.7623

Sweetspot

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



47.5939, 25.9135, 28.8790



73.5652, 64.9857, 77.2128



34.7950, 17.8118, 96.2116



15.1857, 13.0149, 15.6436



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.



47.5939, 25.9135, 28.8790



44.8448, 22.9271, 20.2184



43.7433, 25.2007, 6.0508



18.3474, 18.1223, 20.4464



23.2135, 11.7747, 9.7745



2.3143, 1.1681, 1.2364

Inverse Universe

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



47.5939, 25.9135, 28.8790



44.8448, 22.9271, 20.2184



52.2096, 73.2796, 106.0001



18.3474, 18.1223, 20.4464



23.2135, 11.7747, 9.7745



2.3143, 1.1681, 1.2364

Previews

White Background



This preview shows how the XYZ color 47.5932, 25.9120, 28.8786 looks on a white background.

Color Contrast Check

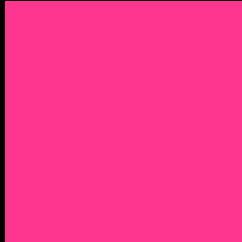
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5932, 25.9120, 28.8786 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 × Fail

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

XYZ 47.5932, 25.9120, 28.8786

Background



This preview shows how black text looks on a background with the XYZ color 47.5932, 25.9120, 28.8786.



This preview shows how white text looks on a background with the XYZ color 47.5932, 25.9120,

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

47.5932, 25.9120, 28.8786

Protanopia

26.9648, 26.2547, 55.2762

Deuteranopia

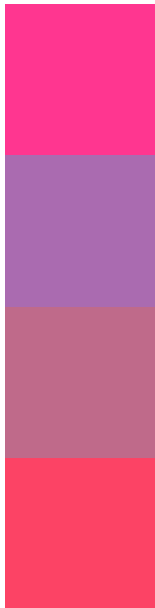
26.4846, 26.0177, 26.1803



Tritanopia

43.5720, 25.9426, 9.7321

Trichromacy



Original Color

47.5932, 25.9120, 28.8786

Protanomaly

29.6717, 22.1960, 43.7947

Deuteranomaly

31.2273, 23.2194, 26.8807

Tritanomaly

44.5010, 25.6493, 14.9173

Monochromacy



Original Color

47.5932, 25.9120, 28.8786

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

25.5718, 19.3330, 23.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5932, 25.9120, 28.8786 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, 54, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 144)  
}
```

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, 54, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 144) }
```

Border

The CSS property to change the border of an element to XYZ 47.5932, 25.9120, 28.8786 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, 54, 144) }
```


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

```
.border{ border-color:rgb(255, 54, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5932, 25.9120, 28.8786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 144) }
```

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

```
.background{ background-color: rgb(255, 54,  
144) }
```

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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