

Converting Colors

XYZ(46.3026, 25.5556, 36.4473)

Have a look what the booklet for
XYZ(46.3026, 25.5556, 36.4473)
contains.

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Color

**XYZ(46.4952, 25.6145,
36.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	F73CA2
RGB	247, 60, 162
RGB Percent	97%, 24%, 64%
CMY	0.0314, 0.7647, 0.3647
CMYK	0.00, 0.76, 0.34, 0.03
HSL	327°, 92%, 60%
HSV	327°, 76%, 97%
XYZ	46.4952, 25.6145, 36.6759
YIQ	127.5410, 78.7100, 71.3660

Conversions

Conversions Part 2

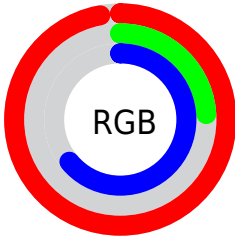
Format	Color
R _Y B	247, 60, 162
Decimal	16202914
CIE Lab	57.67, 76.43, -12.14
CIE LCh	58, 77.385, 350.974
Yxy	25.6145, 0.4274, 0.2355
Android (android.graphics.Color)	4294392994 (0xFFFF73CA2)
YUV	127.5410, 16.9883, 104.7655
Hunter-Lab	50.6108, 75.4159, -7.5379

Details

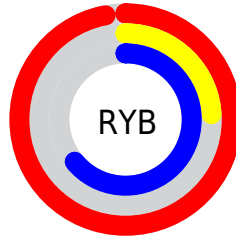
The XYZ color **46.4952, 25.6145, 36.6759** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.2369, 69.5274, 38.0926**, and the grayscale version is **20.2852, 21.3416, 23.2410**.

A 20% lighter version of the original color is **60.9720, 40.6851, 70.2851**, and **23.0642, 11.5649, 15.7685** is the 20% darker color. If you saturate the color by 10%, you get **44.5355, 23.2217, 31.3163**, and if you desaturate by 10%, it is **49.1487, 29.2521, 42.7069**.

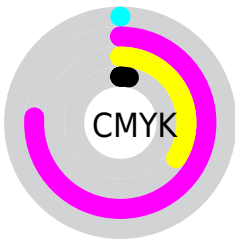
Distribution



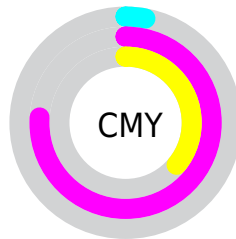
- Red (97%)
- Green (24%)
- Blue (64%)



- Red (97%)
- Yellow (24%)
- Blue (64%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (3%)





- Cyan (3%)
- Magenta (76%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4952, 25.6145, 36.6759 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 46.4952, 25.6145, 36.6759 by changing the saturation by 10% instead.

 46.4952, 25.6145,
36.6759


 46.4952, 25.6145,
36.6759

363.4786,
280.8845, 347.0316


 32.8430, 16.5355,
24.6628


 84.1830, 52.6524,
71.2548


 22.1649, 9.9039,
15.6093


 108.9493, 71.3800,
94.6577


 14.0954, 5.3353,
9.0968


 138.1510, 94.0927,
122.6943

 8.2692, 2.4453,
4.7067

 172.1535,
121.1747, 155.7831

 4.3209, 0.8490,
2.0205

 211.3222,
153.0105, 194.3427

 1.8852, 0.0000,
0.5678

256.0224,

 0.5682, 0.0000,

189.9845, 238.7916

0.0000

306.6194,
232.4810, 289.5484

■ 0.0000, 0.0000,
0.0000

■ 46.4952, 25.6145,
36.6759

■ 46.4952, 25.6145,
36.6759

■ 44.5355, 23.2217,
31.3163

■ 49.1487, 29.2521,
42.7069

■ 43.1732, 21.8848,
26.5838

■ 52.5703, 34.2796,
49.4445

■ 42.7113, 21.5156,
24.7202

■ 56.8264, 40.8268,
56.9217

■ 61.9756, 49.0069,
65.1682

■ 68.0706, 58.9225,
74.2115

75.1600, 70.6676,
84.0776

83.2891, 84.3296,
94.7908

91.6607, 98.3113,
106.0946

92.1678, 98.5142,
108.7651

Harmonies

Analogous

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



40.9565, 25.6145, 73.8767



46.4952, 25.6145, 36.6759



45.0347, 25.6145, 13.3332

Triad

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



46.4952, 25.6145, 36.6759



18.5143, 25.6145, 2.2347



14.7699, 25.6145, 89.1917

Complementary

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



46.4952, 25.6145, 36.6759



40.2369, 69.5274, 38.0926

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.



11.2209, 25.6145, 50.4048



46.4952, 25.6145, 36.6759



12.9709, 25.6145, 6.5308

Square

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



46.4952, 25.6145, 36.6759



27.2464, 25.6145, 1.7621



10.6584, 25.6145, 20.6326



21.6588, 25.6145, 114.6036

Rectangle

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



46.4952, 25.6145, 36.6759



40.4088, 25.6145, 6.0393



10.6584, 25.6145, 20.6326



13.2282, 25.6145, 76.4474

Sweetspot

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



46.4960, 25.6159, 36.6763



75.1097, 66.5182, 82.5265



29.9341, 15.8919, 89.4855



15.5211, 13.3239, 16.8712



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.



46.4960, 25.6159, 36.6763



47.0115, 24.0572, 30.8159



41.0598, 23.4414, 8.0499



16.8773, 16.6338, 19.1002



22.6612, 11.4079, 13.4563



2.0435, 1.0234, 1.4556

Inverse Universe

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



46.4960, 25.6159, 36.6763



47.0115, 24.0572, 30.8159



50.5064, 73.6352, 92.1712



16.8773, 16.6338, 19.1002



22.6612, 11.4079, 13.4563



2.0435, 1.0234, 1.4556

Previews

White Background



This preview shows how the XYZ color 46.4952, 25.6145, 36.6759 looks on a white background.

Color Contrast Check

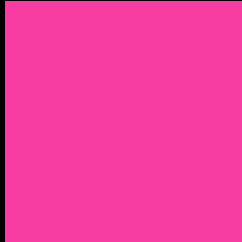
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.4952, 25.6145, 36.6759 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 46.4952, 25.6145, 36.6759

Background



This preview shows how black text looks on a background with the XYZ color 46.4952, 25.6145, 36.6759.



This preview shows how white text looks on a background with the XYZ color 46.4952, 25.6145,

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

46.4952, 25.6145, 36.6759

Protanopia

27.4973, 25.8429, 67.1572

Deuteranopia

26.1855, 25.7059, 33.2874



Tritanopia

41.3555, 25.6000, 11.7784

Trichromacy



Original Color

46.4952, 25.6145, 36.6759



Protanomaly

29.7101, 22.1388, 54.3371



Deuteranomaly

30.8918, 23.1927, 34.3010



Tritanomaly

42.7943, 25.3456, 18.5563

Monochromacy



Original Color

46.4952, 25.6145, 36.6759



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

26.3785, 20.2519, 27.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4952, 25.6145, 36.6759 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(247, 60, 162)` looks like.

```
.text, #text, p{  
    color:rgb(247, 60, 162)  
}
```

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(247, 60, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 60, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.4952, 25.6145, 36.6759 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(247, 60, 162) }
```


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

```
.border{ border-color:rgb(247, 60, 162) }
```

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

Here you see how a box with a 4 pixel rgb(247, 60, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 60, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 60, 162);  
box-shadow:4px 4px 4px 4px rgb(247, 60,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4952, 25.6145, 36.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 60, 162) }
```

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

```
.background{ background-color: rgb(247, 60,  
162) }
```

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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