

Converting Colors

XYZ(49.6040, 30.5942, 36.1125)

Have a look what the booklet for
XYZ(49.6040, 30.5942, 36.1125)
contains.

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Color

**XYZ(49.5967, 30.6559,
36.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5D9F
RGB	250, 93, 159
RGB Percent	98%, 36%, 62%
CMY	0.0196, 0.6353, 0.3765
CMYK	0.00, 0.63, 0.36, 0.02
HSL	335°, 94%, 67%
HSV	335°, 63%, 98%
XYZ	49.5967, 30.6559, 36.1040
YIQ	147.4670, 72.3860, 53.8100

Conversions

Conversions Part 2

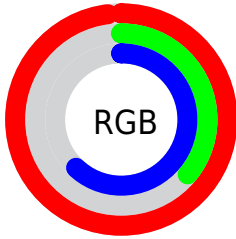
Format	Color
R _Y B	250, 93, 159
Decimal	16407967
CIE Lab	62.22, 65.40, -3.57
CIE LCh	62, 65.498, 356.872
Yxy	30.6559, 0.4262, 0.2635
Android (android.graphics.Color)	4294598047 (0xFFFA5D9F)
YUV	147.4670, 5.6858, 89.9214
Hunter-Lab	55.3678, 63.0011, 0.0958

Details

The XYZ color **49.5967, 30.6559, 36.1040** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.3534, 74.1599, 57.1707**, and the grayscale version is **27.8841, 29.3362, 31.9472**.

A 20% lighter version of the original color is **64.4442, 48.2483, 69.5346**, and **24.0624, 12.6403, 15.3590** is the 20% darker color. If you saturate the color by 10%, you get **46.5651, 26.4886, 29.2487**, and if you desaturate by 10%, it is **53.4944, 36.3192, 43.9759**.

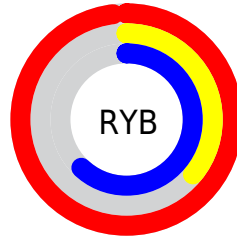
Distribution



Red (98%)

Green (36%)

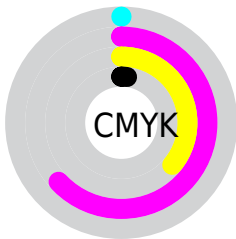
Blue (62%)



Red (98%)

Yellow (36%)

Blue (62%)

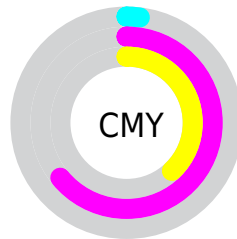


Cyan (0%)

Magenta (63%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (64%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5967, 30.6559, 36.1040 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 49.5967, 30.6559, 36.1040 by changing the saturation by 10% instead.


 49.5967, 30.6559,
36.1040


 49.5967, 30.6559,
36.1040


375.5648,
304.9499, 344.4660


 35.3095, 20.3370,
24.2242


 88.7724, 60.6979,
70.3634


 24.0690, 12.6402,
15.2863


 114.3917, 81.1898,
93.5801

 15.5099, 7.1813,
8.8717


 144.5191,
105.8414, 121.4128

 9.2666, 3.5757,
4.5619

 179.5199,
135.0372, 154.2801

 4.9740, 1.4392,
1.9384

219.7596,
169.1616, 192.6006

 2.2666, 0.2453,
0.5170

265.6034,

 0.7775, 0.0000,

208.5989, 236.7927

0.0000

317.4166,
253.7335, 287.2750

■ 0.0000, 0.0000,
0.0000

■ 49.5967, 30.6559,
36.1040

■ 49.5967, 30.6559,
36.1040

■ 46.5651, 26.4886,
29.2487

■ 53.4944, 36.3192,
43.9759

■ 44.3190, 23.6646,
23.3573

■ 58.3234, 43.6018,
52.9093

■ 42.7657, 22.0069,
18.3728

■ 64.1456, 52.6194,
62.9476

■ 41.9787, 21.3457,
15.2959

■ 71.0162, 63.4759,
74.1311

■ 78.9865, 76.2669,
86.4978

88.1042, 91.0813,
100.0836

93.2344, 99.0640,
108.8150

Harmonies

Analogous

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



45.7987, 30.6559, 67.6389



49.5967, 30.6559, 36.1040



47.0630, 30.6559, 15.8686

Triad

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



49.5967, 30.6559, 36.1040



22.1159, 30.6559, 6.0765



20.8070, 30.6559, 92.9225

Complementary

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



49.5967, 30.6559, 36.1040



47.3534, 74.1599, 57.1707

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.



16.4625, 30.6559, 60.5417



49.5967, 30.6559, 36.1040



17.1040, 30.6559, 13.2300

Square

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



49.5967, 30.6559, 36.1040



30.0741, 30.6559, 4.5600



15.2573, 30.6559, 30.7948



28.2206, 30.6559, 109.3020

Rectangle

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



49.5967, 30.6559, 36.1040



42.3574, 30.6559, 8.9788



15.2573, 30.6559, 30.7948



19.0015, 30.6559, 82.9441

Sweetspot

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



49.5976, 30.6575, 36.1045



77.2975, 71.2093, 82.2831



40.4549, 24.6739, 93.0728



16.0530, 14.4554, 16.8396



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.



49.5976, 30.6575, 36.1045



48.1043, 26.9166, 29.1027



46.2982, 30.9098, 13.8840



17.5473, 17.3463, 19.4718



22.3349, 11.3497, 8.4720



2.1202, 1.0718, 1.0564

Inverse Universe

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



49.5976, 30.6575, 36.1045



48.1043, 26.9166, 29.1027



52.7935, 71.2759, 101.4176



17.5473, 17.3463, 19.4718



22.3349, 11.3497, 8.4720



2.1202, 1.0718, 1.0564

Previews

White Background



This preview shows how the XYZ color 49.5967, 30.6559, 36.1040 looks on a white background.

Color Contrast Check

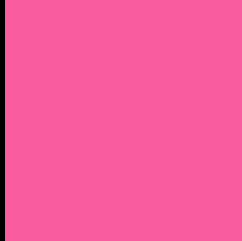
Large Text (above 18pt) WCAG AA × Fail

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 49.5967, 30.6559, 36.1040 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 49.5967, 30.6559, 36.1040

Background



This preview shows how black text looks on a background with the XYZ color 49.5967, 30.6559, 36.1040.



This preview shows how white text looks on a background with the XYZ color 49.5967, 30.6559,

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

49.5967, 30.6559, 36.1040

Protanopia

31.2452, 30.9240, 55.9519

Deuteranopia

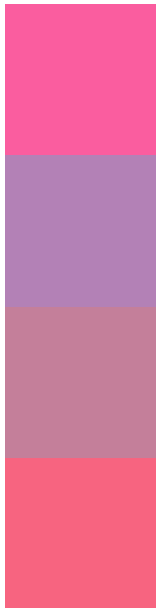
31.3818, 30.7915, 33.5675



Tritanopia

45.7708, 30.6192, 18.2496

Trichromacy



Original Color

49.5967, 30.6559, 36.1040

Protanomaly

34.8842, 28.6616, 47.9496

Deuteranomaly

36.1871, 29.2476, 34.3099

Tritanomaly

46.8112, 30.4470, 23.8317

Monochromacy



Original Color

49.5967, 30.6559, 36.1040

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.9425, 27.6035, 32.8699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5967, 30.6559, 36.1040 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(250, 93, 159)` looks like.

```
.text, #text, p{  
    color:rgb(250, 93, 159)  
}
```

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(250, 93, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 93, 159) }
```

Border

The CSS property to change the border of an element to XYZ 49.5967, 30.6559, 36.1040 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(250, 93, 159) }
```


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

```
.border{ border-color:rgb(250, 93, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 93, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 93, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 93, 159);  
box-shadow:4px 4px 4px 4px rgb(250, 93,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5967, 30.6559, 36.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 93, 159) }
```

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

```
.background{ background-color: rgb(250, 93,  
159) }
```

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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