

Converting Colors

XYZ(50.3452, 29.5970, 35.4034)

Have a look what the booklet for
XYZ(50.3452, 29.5970, 35.4034)
contains.

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Color

**XYZ(50.3540, 29.6135,
35.4098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF519E
RGB	255, 81, 158
RGB Percent	100%, 32%, 62%
CMY	0.0000, 0.6823, 0.3804
CMYK	0.00, 0.68, 0.38, 0.00
HSL	333°, 100%, 66%
HSV	333°, 68%, 100%
XYZ	50.3540, 29.6135, 35.4098
YIQ	141.8040, 78.9870, 60.8350

Conversions

Conversions Part 2

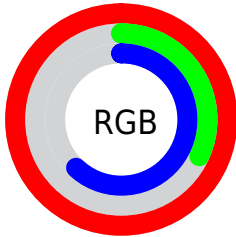
Format	Color
R _Y B	255, 81, 158
Decimal	16732574
CIE Lab	61.32, 71.30, -4.23
CIE LCh	61, 71.430, 356.607
Yxy	29.6135, 0.4364, 0.2567
Android (android.graphics.Color)	4294922654 (0xFFFF519E)
YUV	141.8040, 7.9846, 99.2729
Hunter-Lab	54.4183, 69.9365, -0.4870

Details

The XYZ color **50.3540, 29.6135, 35.4098** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **47.1912, 76.4846, 54.4006**, and the grayscale version is **25.5830, 26.9153, 29.3108**.

A 20% lighter version of the original color is **62.7751, 45.1138, 68.3500**, and **24.6462, 12.3990, 15.0042** is the 20% darker color. If you saturate the color by 10%, you get **47.6481, 26.0482, 28.8157**, and if you desaturate by 10%, it is **53.9141, 34.6606, 42.9876**.

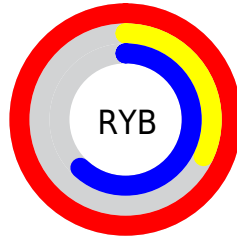
Distribution



Red (100%)

Green (32%)

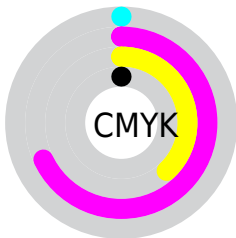
Blue (62%)



Red (100%)

Yellow (32%)

Blue (62%)

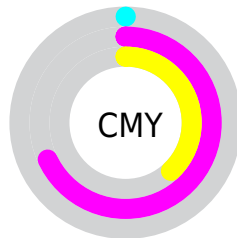


Cyan (0%)

Magenta (68%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (68%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3540, 29.6135, 35.4098 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 50.3540, 29.6135, 35.4098 by changing the saturation by 10% instead.


 50.3540, 29.6135,
35.4098


 50.3540, 29.6135,
35.4098


378.4778,
300.0987, 341.3325


 35.9137, 19.5454,
23.6926


 89.8878, 59.0504,
69.2789


 24.5374, 12.0650,
14.8957


 115.7121, 79.1880,
92.2679

 15.8596, 6.7880,
8.6004


 146.0617,
103.4509, 119.8513

 9.5151, 3.3299,
4.3882

 181.3021,
132.2235, 152.4476

 5.1384, 1.3063,
1.8407

221.7985,
165.8902, 190.4753

 2.3643, 0.1461,
0.4546

267.9164,

 0.8273, 0.0000,

204.8354, 234.3530

0.0000

320.0210,
249.4434, 284.4992

■ 0.0000, 0.0000,
0.0000

■ 50.3540, 29.6135,
35.4098

■ 50.3540, 29.6135,
35.4098

■ 47.6481, 26.0482,
28.8157

■ 53.9141, 34.6606,
42.9876

■ 45.7049, 23.7892,
23.1502

■ 58.4018, 41.3291,
51.5954


■ 44.4037, 22.6038,
18.3486

■ 63.8850, 49.7477,
61.2776

■ 44.2114, 22.4486,
17.5775

■ 70.4242, 60.0308,
72.0750

■ 78.0749, 72.2830,
84.0259

 86.8887, 86.6009,
97.1666

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.1223, 29.6135, 70.0103



50.3540, 29.6135, 35.4098



47.6270, 29.6135, 14.1555

Triad

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



50.3540, 29.6135, 35.4098



20.7944, 29.6135, 4.5579



19.3148, 29.6135, 97.7655

Complementary

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



50.3540, 29.6135, 35.4098



47.1912, 76.4846, 54.4006

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.



14.8682, 29.6135, 61.4742



50.3540, 29.6135, 35.4098



15.5791, 29.6135, 11.3030

Square

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



50.3540, 29.6135, 35.4098



29.2314, 29.6135, 3.2444



13.6702, 29.6135, 29.2729



27.0892, 29.6135, 116.5938

Rectangle

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



50.3540, 29.6135, 35.4098



42.5006, 29.6135, 7.3418



13.6702, 29.6135, 29.2729



17.4544, 29.6135, 86.4759

Sweetspot

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



50.3548, 29.6151, 35.4103



76.6383, 69.9679, 81.8263



39.0575, 22.4190, 96.8764



15.9310, 14.2168, 16.7824



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.



50.3548, 29.6151, 35.4103



46.8315, 25.0535, 26.5744



46.3574, 29.1178, 10.9637



18.3433, 18.1206, 20.4251



23.1737, 11.7588, 9.5653



2.3102, 1.1665, 1.2152

Inverse Universe

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



50.3548, 29.6151, 35.4103



46.8315, 25.0535, 26.5744



54.4915, 75.0643, 106.2246



18.3433, 18.1206, 20.4251



23.1737, 11.7588, 9.5653



2.3102, 1.1665, 1.2152

Previews

White Background



This preview shows how the XYZ color 50.3540, 29.6135, 35.4098 looks on a white background.

Color Contrast Check

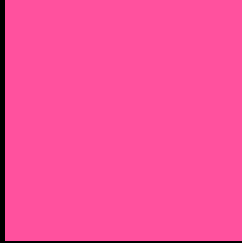
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3540, 29.6135, 35.4098 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 50.3540, 29.6135, 35.4098

Background



This preview shows how black text looks on a background with the XYZ color 50.3540, 29.6135, 35.4098.



This preview shows how white text looks on a background with the XYZ color 50.3540, 29.6135,

35.4098.

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

50.3540, 29.6135, 35.4098

Protanopia

30.3771, 29.7144, 58.7780

Deuteranopia

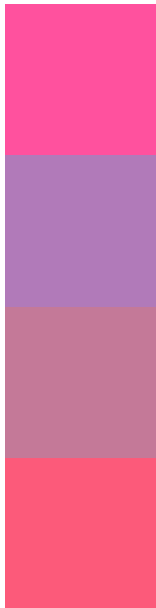
30.2984, 29.7978, 32.5884



Tritanopia

46.2248, 29.6332, 15.5954

Trichromacy



Original Color

50.3540, 29.6135, 35.4098

Protanomaly

33.8480, 26.7690, 49.2819

Deuteranomaly

35.2698, 27.6775, 33.1891

Tritanomaly

47.3139, 29.4129, 21.5959

Monochromacy



Original Color

50.3540, 29.6135, 35.4098

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

31.5902, 25.6383, 31.3007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3540, 29.6135, 35.4098 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, 81, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 158)  
}
```

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, 81, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 158) }
```

Border

The CSS property to change the border of an element to XYZ 50.3540, 29.6135, 35.4098 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, 81, 158) }
```


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

```
.border{ border-color:rgb(255, 81, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3540, 29.6135, 35.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 158) }
```

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

```
.background{ background-color: rgb(255, 81,  
158) }
```

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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