

Converting Colors

XYZ(50.2590, 37.0663, 35.9581)

Have a look what the booklet for
XYZ(50.2590, 37.0663, 35.9581)
contains.

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Color

**XYZ(50.2590, 37.0663,
35.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	F1829C
RGB	241, 130, 156
RGB Percent	95%, 51%, 61%
CMY	0.0549, 0.4902, 0.3882
CMYK	0.00, 0.46, 0.35, 0.05
HSL	346°, 80%, 73%
HSV	346°, 46%, 95%
XYZ	50.2590, 37.0663, 35.9581
YIQ	166.1530, 57.8100, 31.6180

Conversions

Conversions Part 2

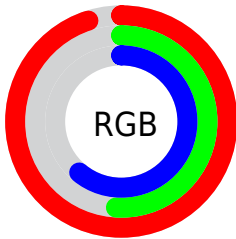
Format	Color
R_{YB}	241, 130, 156
Decimal	15827612
CIE _{Lab}	67.33, 45.16, 5.42
CIE _{LCh}	67, 45.481, 6.849
Yxy	37.0663, 0.4077, 0.3007
Android (android.graphics.Color)	4294017692 (0xFFFF1829C)
YUV	166.1530, -5.0054, 65.6408
Hunter-Lab	60.8821, 40.8105, 7.5997

Details

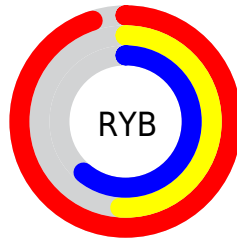
The XYZ color **50.2590, 37.0663, 35.9581** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.9287, 72.5636, 75.5104**, and the grayscale version is **36.3244, 38.2161, 41.6173**.

A 20% lighter version of the original color is **70.2218, 60.6111, 68.9708**, and **24.4951, 16.2728, 15.2145** is the 20% darker color. If you saturate the color by 10%, you get **45.9746, 30.8115, 27.3965**, and if you desaturate by 10%, it is **55.5335, 44.9211, 46.0220**.

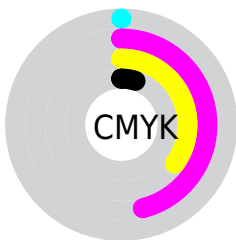
Distribution



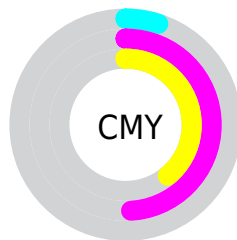
- Red (95%)
- Green (51%)
- Blue (61%)



- Red (95%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2590, 37.0663, 35.9581 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 50.2590, 37.0663, 35.9581 by changing the saturation by 10% instead.


 50.2590, 37.0663,
35.9581


 50.2590, 37.0663,
35.9581


378.1132,
333.5975, 343.8092


 35.8379, 25.2588,
24.1124

 89.7480, 70.6747,
70.1357

 24.4785, 16.2700,
15.2040


 115.5466, 93.2445,
93.3047

 15.8156, 9.7154,
8.8145


 145.8685,
120.1705, 121.0852

 9.4838, 5.2107,
4.5252


181.0789,
151.8371, 153.8957

 5.1177, 2.3714,
1.9177

221.5432,
188.6287, 192.1549

 2.3519, 0.8111,
0.5040

267.6268,

 0.8210, 0.0000,

230.9297, 236.2811

0.0000

319.6950,
279.1245, 286.6931

■ 0.0000, 0.0000,
0.0000

■ 50.2590, 37.0663,
35.9581

■ 50.2590, 37.0663,
35.9581

■ 45.9746, 30.8115,
27.3965

■ 55.5335, 44.9211,
46.0220

■ 42.6135, 26.0403,
20.2612

■ 61.8531, 54.4703,
57.6548

■ 40.1050, 22.6298,
14.4722

■ 69.2724, 65.8076,
70.9216

■ 38.3663, 20.4344,
9.9402

■ 77.8410, 79.0183,
85.8831

■ 37.2963, 19.2742,
6.5636

■ 87.6057, 94.1821,
102.5967

■ 37.0003, 18.9906,
5.5137

■ 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



49.0246, 37.0663, 57.3813



50.2590, 37.0663, 35.9581



47.0619, 37.0663, 21.4601

Triad

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



50.2590, 37.0663, 35.9581



27.7982, 37.0663, 16.8010



30.2263, 37.0663, 86.8555

Complementary

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



50.2590, 37.0663, 35.9581



52.9287, 72.5636, 75.5104

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.



25.5693, 37.0663, 67.9858



50.2590, 37.0663, 35.9581



24.3018, 37.0663, 27.0875

Square

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



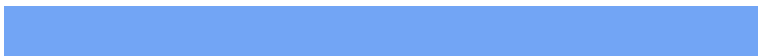
50.2590, 37.0663, 35.9581



33.6583, 37.0663, 13.0113



23.5431, 37.0663, 45.1049



36.8508, 37.0663, 91.6291

Rectangle

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



50.2590, 37.0663, 35.9581



43.0675, 37.0663, 16.0222



23.5431, 37.0663, 45.1049



28.4069, 37.0663, 81.7065

Sweetspot

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



50.2600, 37.0682, 35.9588



80.6064, 77.6623, 83.8941



51.3744, 36.5017, 87.5569



16.8269, 15.9681, 17.2057



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.



50.2600, 37.0682, 35.9588



52.6556, 35.5899, 31.9439



52.4905, 44.6829, 26.9796



15.9245, 15.8195, 17.1585



20.1075, 10.3154, 3.2167



1.7100, 0.8731, 0.4639

Inverse Universe

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



50.2600, 37.0682, 35.9588



52.6556, 35.5899, 31.9439



48.9418, 58.8125, 91.9916



15.9245, 15.8195, 17.1585



20.1075, 10.3154, 3.2167



1.7100, 0.8731, 0.4639

Previews

White Background



This preview shows how the XYZ color 50.2590, 37.0663, 35.9581 looks on a white background.

Color Contrast Check

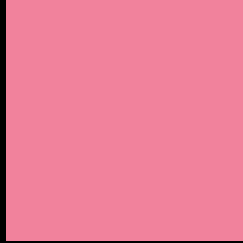
Large Text (above 18pt) WCAG AA × Fail

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 50.2590, 37.0663, 35.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

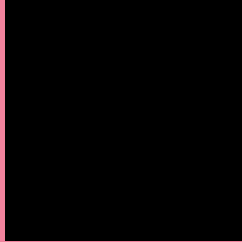
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2590, 37.0663, 35.9581

Background



This preview shows how black text looks on a background with the XYZ color 50.2590, 37.0663, 35.9581.



This preview shows how white text looks on a background with the XYZ color 50.2590, 37.0663,

35.9581.

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

50.2590, 37.0663, 35.9581

Protanopia

36.1449, 37.1820, 45.8293

Deuteranopia

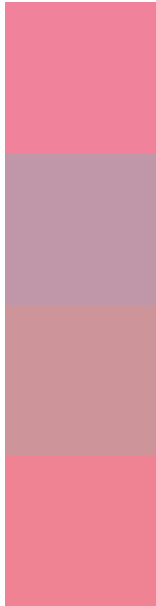
37.9916, 37.3449, 34.4841



Tritanopia

49.0689, 36.9808, 30.1430

Trichromacy



Original Color

50.2590, 37.0663, 35.9581

Protanomaly

39.8727, 36.1668, 41.9252

Deuteranomaly

41.5165, 36.4589, 34.9861

Tritanomaly

49.3179, 36.8644, 32.1200

Monochromacy



Original Color

50.2590, 37.0663, 35.9581

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.9051, 36.7286, 39.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2590, 37.0663, 35.9581 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(241, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(241, 130, 156)  
}
```

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(241, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.2590, 37.0663, 35.9581 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(241, 130, 156) }
```


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

```
.border{ border-color:rgb(241, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 130, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 130, 156);  
box-shadow:4px 4px 4px 4px rgb(241, 130,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2590, 37.0663, 35.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 130, 156) }
```

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

```
.background{ background-color: rgb(241,  
130, 156) }
```

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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