

Converting Colors

XYZ(57.1253, 37.3777, 55.4806)

Have a look what the booklet for
XYZ(57.1253, 37.3777, 55.4806)
contains.

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Color

**XYZ(57.1083, 37.4165,
55.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73C2
RGB	255, 115, 194
RGB Percent	100%, 45%, 76%
CMY	0.0000, 0.5490, 0.2392
CMYK	0.00, 0.55, 0.24, 0.00
HSL	326°, 100%, 73%
HSV	326°, 55%, 100%
XYZ	57.1083, 37.4165, 55.2511
YIQ	165.8660, 58.0810, 54.2490

Conversions

Conversions Part 2

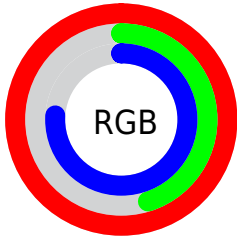
Format	Color
R _Y B	255, 115, 194
Decimal	16741314
CIE Lab	67.59, 61.62, -15.41
CIE LCh	68, 63.516, 345.963
Yxy	37.4165, 0.3813, 0.2498
Android (android.graphics.Color)	4294931394 (0xFFFF73C2)
YUV	165.8660, 13.8701, 78.1705
Hunter-Lab	61.1690, 59.6044, -10.7355

Details

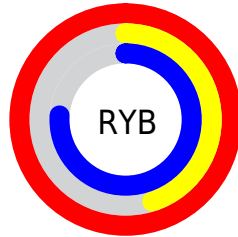
The XYZ color **57.1083, 37.4165, 55.2511** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.6684, 78.3002, 53.5209**, and the grayscale version is **36.0976, 37.9775, 41.3575**.

A 20% lighter version of the original color is **73.4051, 57.7301, 98.5409**, and **28.7024, 16.4218, 26.4679** is the 20% darker color. If you saturate the color by 10%, you get **53.3905, 31.9038, 48.0835**, and if you desaturate by 10%, it is **61.7254, 44.5781, 63.1796**.

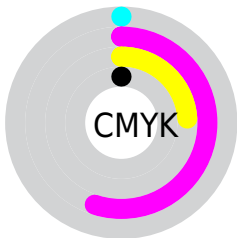
Distribution



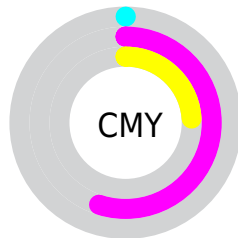
- Red (100%)
- Green (45%)
- Blue (76%)



- Red (100%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (55%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1083, 37.4165, 55.2511 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 57.1083, 37.4165, 55.2511 by changing the saturation by 10% instead.


 57.1083, 37.4165,
55.2511


 57.1083, 37.4165,
55.2511

403.8626,
335.1102, 424.1718

 41.3327, 25.5301,
39.2028

 99.7536, 71.2129,
99.3836

 28.7679, 16.4725,
26.6085


 127.3541, 93.8917,
128.3049

 19.0487, 9.8591,
17.0496


 159.6268,
120.9368, 162.3543

 11.8097, 5.3056,
10.1075

196.9372,
152.7326, 201.9504

 6.6855, 2.4277,
5.3638

239.6506,
189.6634, 247.5116

 3.3108, 0.8401,
2.3998

288.1325,

 1.3202, 0.0000,

232.1137, 299.4566

0.7863

342.7480,
280.4678, 358.2038

■ 0.1982, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1083, 37.4165,
55.2511

■ 57.1083, 37.4165,
55.2511

■ 53.3905, 31.9038,
48.0835

■ 61.7254, 44.5781,
63.1796

■ 50.4989, 27.8977,
41.6414

■ 67.3012, 53.5046,
71.8973

■ 48.3532, 25.2404,
35.8879

■ 73.8930, 64.3080,
81.4333

■ 46.8533, 23.7358,
30.7790

■ 81.5530, 77.0889,
91.8138

■ 46.2655, 23.2702,
28.3938

■ 90.3293, 91.9412,
103.0640

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.



50.8703, 37.4165, 90.8249



57.1083, 37.4165, 55.2511



56.8841, 37.4165, 27.6492

Triad

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



57.1083, 37.4165, 55.2511



30.6373, 37.4165, 7.7967



24.0260, 37.4165, 93.0280

Complementary

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



57.1083, 37.4165, 55.2511



50.6684, 78.3002, 53.5209

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.



20.3721, 37.4165, 57.4224



57.1083, 37.4165, 55.2511



23.6834, 37.4165, 13.5969

Square

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



57.1083, 37.4165, 55.2511



40.3229, 37.4165, 7.6421



20.2594, 37.4165, 29.0224



31.1937, 37.4165, 118.5242

Rectangle

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



57.1083, 37.4165, 55.2511



53.0619, 37.4165, 16.5880



20.2594, 37.4165, 29.0224



22.4089, 37.4165, 81.2671

Sweetspot

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



57.1093, 37.4183, 55.2518



80.6558, 75.5818, 90.6287



42.0118, 28.6750, 97.9283



16.9123, 15.5889, 18.9300



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.



57.1093, 37.4183, 55.2518



53.0330, 31.3915, 47.3393



51.0313, 34.9871, 23.2454



18.4387, 18.1588, 20.9275



24.2511, 12.1897, 15.2386



2.4161, 1.2088, 1.7728

Inverse Universe

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



57.1093, 37.4183, 55.2518



53.0330, 31.3915, 47.3393



59.4147, 81.7988, 99.5784



18.4387, 18.1588, 20.9275



24.2511, 12.1897, 15.2386



2.4161, 1.2088, 1.7728

Previews

White Background



This preview shows how the XYZ color 57.1083, 37.4165, 55.2511 looks on a white background.

Color Contrast Check

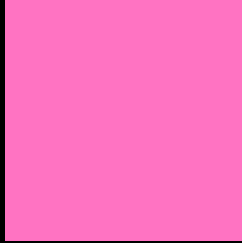
Large Text (above 18pt) WCAG AA × Fail

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 57.1083, 37.4165, 55.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

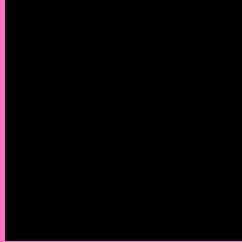
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1083, 37.4165, 55.2511

Background



This preview shows how black text looks on a background with the XYZ color 57.1083, 37.4165, 55.2511.



This preview shows how white text looks on a background with the XYZ color 57.1083, 37.4165,

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

57.1083, 37.4165, 55.2511

Protanopia

38.9548, 37.9068, 78.6624

Deuteranopia

38.5091, 37.7355, 52.2677



Tritanopia

51.5291, 37.3089, 28.1524

Trichromacy



Original Color

57.1083, 37.4165, 55.2511



Protanomaly

42.9233, 35.9547, 69.6434



Deuteranomaly

43.6246, 36.2208, 53.4072



Tritanomaly

53.3994, 37.3300, 36.7387

Monochromacy



Original Color

57.1083, 37.4165, 55.2511



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.5589, 36.0078, 45.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1083, 37.4165, 55.2511 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, 115, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 194)  
}
```

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, 115, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 194) }
```

Border

The CSS property to change the border of an element to XYZ 57.1083, 37.4165, 55.2511 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, 115, 194) }
```


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

```
.border{ border-color:rgb(255, 115, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1083, 37.4165, 55.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 194) }
```

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

```
.background{ background-color: rgb(255,  
115, 194) }
```

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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