

Converting Colors

XYZ(57.1141, 38.0424, 53.3591)

Have a look what the booklet for
XYZ(57.1141, 38.0424, 53.3591)
contains.

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Color

**XYZ(57.1224, 37.9785,
53.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76BF
RGB	255, 118, 191
RGB Percent	100%, 46%, 75%
CMY	0.0000, 0.5372, 0.2510
CMYK	0.00, 0.54, 0.25, 0.00
HSL	328°, 100%, 73%
HSV	328°, 54%, 100%
XYZ	57.1224, 37.9785, 53.6101
YIQ	167.2850, 58.2190, 51.7470

Conversions

Conversions Part 2

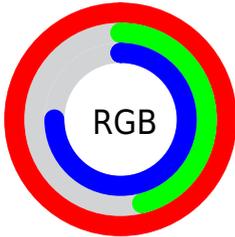
Format	Color
R_{YB}	255, 118, 191
Decimal	16742079
CIE _{Lab}	68.00, 59.86, -13.09
CIE _{LCh}	68, 61.274, 347.663
Yxy	37.9785, 0.3841, 0.2554
Android (android.graphics.Color)	4294932159 (0xFFFF76BF)
YUV	167.2850, 11.6915, 76.9261
Hunter-Lab	61.6267, 57.6067, -8.4387

Details

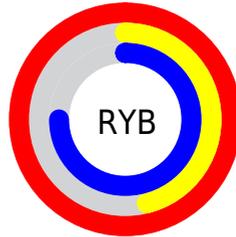
The XYZ color **57.1224, 37.9785, 53.6101** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.6765, 78.7498, 56.7364**, and the grayscale version is **36.7957, 38.7120, 42.1573**.

A 20% lighter version of the original color is **73.1646, 58.2475, 95.3824**, and **28.7619, 16.7746, 25.7667** is the 20% darker color. If you saturate the color by 10%, you get **53.2568, 32.2608, 46.1144**, and if you desaturate by 10%, it is **61.9081, 45.3654, 61.9395**.

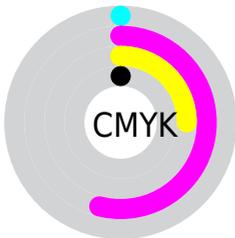
Distribution



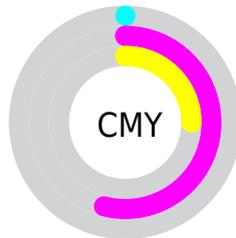
- Red (100%)
- Green (46%)
- Blue (75%)



- Red (100%)
- Yellow (46%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1224, 37.9785, 53.6101 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 57.1224, 37.9785, 53.6101 by changing the saturation by 10% instead.

 57.1224, 37.9785,
53.6101

 57.1224, 37.9785,
53.6101

403.9146,
337.5277, 417.7540

 41.3440, 25.9660,
37.8990

 99.7741, 72.0752,
96.9521

 28.7769, 16.7982,
25.6031

 127.3781, 94.9282,
125.4201

 19.0555, 10.0907,
16.3038

 159.6548,
122.1634, 158.9775

 11.8146, 5.4592,
9.5827

196.9694,
154.1653, 198.0428

 6.6889, 2.5191,
5.0212

239.6873,
191.3184, 243.0346

 3.3129, 0.8862,
2.2008

288.1739,

 1.3213, 0.0000,

234.0068, 294.3713

0.6748

342.7946,
282.6151, 352.4716

■ 0.1991, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1224, 37.9785,
53.6101

■ 57.1224, 37.9785,
53.6101

■ 53.2568, 32.2608,
46.1144

■ 61.9081, 45.3654,
61.9395

■ 50.2388, 28.0717,
39.4145

■ 67.6729, 54.5362,
71.1330

■ 47.9890, 25.2566,
33.4715

■ 74.4742, 65.6017,
81.2219

■ 46.4098, 23.6246,
28.2393

■ 82.3639, 78.6620,
92.2347

■ 45.6747, 23.0339,
25.2830

■ 91.3904, 93.8102,
104.1985

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.



51.4087, 37.9785, 87.7269



57.1224, 37.9785, 53.6101



56.5260, 37.9785, 27.3846

Triad

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



57.1224, 37.9785, 53.6101



30.8178, 37.9785, 8.7937



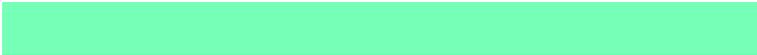
25.1085, 37.9785, 93.5440

Complementary

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



57.1224, 37.9785, 53.6101



51.6765, 78.7498, 56.7364

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.



21.3000, 37.9785, 59.4077



57.1224, 37.9785, 53.6101



24.1751, 37.9785, 15.1199

Square

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



57.1224, 37.9785, 53.6101



40.1562, 37.9785, 8.3517



20.9915, 37.9785, 31.1214



32.3218, 37.9785, 116.7320

Rectangle

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



57.1224, 37.9785, 53.6101



52.6344, 37.9785, 16.8594



20.9915, 37.9785, 31.1214



23.4471, 37.9785, 82.4235

Sweetspot

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



57.1234, 37.9803, 53.6108



80.4687, 75.5070, 89.6438



43.8060, 30.1162, 98.1119



16.8677, 15.5710, 18.6952



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.



57.1234, 37.9803, 53.6108



53.1620, 32.1245, 45.9178



51.2679, 35.6381, 22.7762



18.4139, 18.1489, 20.7970



23.9422, 12.0662, 13.6122



2.3864, 1.1969, 1.6162

Inverse Universe

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



57.1234, 37.9803, 53.6108



53.1620, 32.1245, 45.9178



60.5557, 82.3015, 103.4935



18.4139, 18.1489, 20.7970



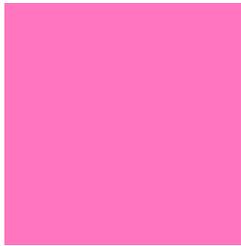
23.9422, 12.0662, 13.6122



2.3864, 1.1969, 1.6162

Previews

White Background



This preview shows how the XYZ color 57.1224, 37.9785, 53.6101 looks on a white background.

Color Contrast Check

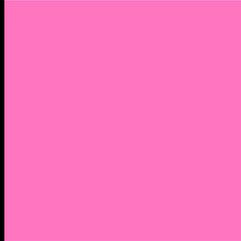
Large Text (above 18pt) WCAG AA × Fail

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 57.1224, 37.9785, 53.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

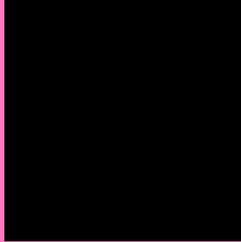
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1224, 37.9785, 53.6101

Background



This preview shows how black text looks on a background with the XYZ color 57.1224, 37.9785, 53.6101.



This preview shows how white text looks on a background with the XYZ color 57.1224, 37.9785,

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

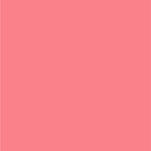
57.1224, 37.9785, 53.6101

Protanopia

39.1724, 38.3627, 75.1522

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

51.8620, 37.8595, 28.6189

Trichromacy



Original Color

57.1224, 37.9785, 53.6101



Protanomaly

42.9306, 36.2620, 66.3646



Deuteranomaly

43.8771, 36.8421, 51.8124



Tritanomaly

53.5643, 37.7970, 36.3707

Monochromacy



Original Color

57.1224, 37.9785, 53.6101



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

42.1371, 36.7716, 45.9511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1224, 37.9785, 53.6101 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, 118, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 191)  
}
```

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, 118, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.1224, 37.9785, 53.6101 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, 118, 191) }
```


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

```
.border{ border-color:rgb(255, 118, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1224, 37.9785, 53.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 191) }
```

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

```
.background{ background-color: rgb(255,  
118, 191) }
```

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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