

Converting Colors

XYZ(56.3348, 37.0615, 51.3182)

Have a look what the booklet for
XYZ(56.3348, 37.0615, 51.3182)
contains.

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Color

**XYZ(56.3404, 37.1093,
51.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73BB
RGB	255, 115, 187
RGB Percent	100%, 45%, 73%
CMY	0.0000, 0.5490, 0.2667
CMYK	0.00, 0.55, 0.27, 0.00
HSL	329°, 100%, 73%
HSV	329°, 55%, 100%
XYZ	56.3404, 37.1093, 51.2071
YIQ	165.0680, 60.3280, 52.0720

Conversions

Conversions Part 2

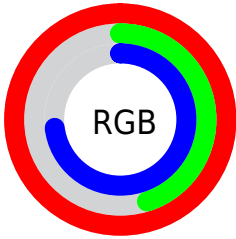
Format	Color
R _Y B	255, 115, 187
Decimal	16741307
CIE _{Lab}	67.36, 60.71, -11.81
CIE _{LCh}	67, 61.846, 348.992
Y _{xy}	37.1093, 0.3895, 0.2565
Android (android.graphics.Color)	4294931387 (0xFFFF73BB)
YUV	165.0680, 10.8125, 78.8704
Hunter-Lab	60.9174, 58.4830, -7.1969

Details

The XYZ color **56.3404, 37.1093, 51.2071** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.3792, 78.5845, 57.2638**, and the grayscale version is **35.7275, 37.5882, 40.9335**.

A 20% lighter version of the original color is **72.1702, 57.2361, 92.0379**, and **28.3218, 16.3494, 24.2173** is the 20% darker color. If you saturate the color by 10%, you get **52.5548, 31.5695, 43.6828**, and if you desaturate by 10%, it is **61.0462, 44.3064, 59.6032**.

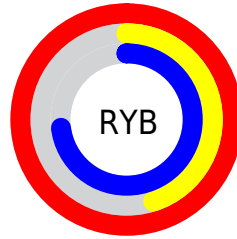
Distribution



Red (100%)

Green (45%)

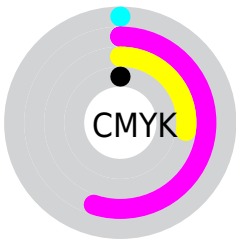
Blue (73%)



Red (100%)

Yellow (45%)

Blue (73%)

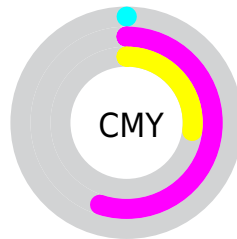


Cyan (0%)

Magenta (55%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3404, 37.1093, 51.2071 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 56.3404, 37.1093, 51.2071 by changing the saturation by 10% instead.

56.3404, 37.1093,
51.2071

56.3404, 37.1093,
51.2071

401.0273,
333.7835, 408.2374

40.7140, 25.2921,
35.9956

98.6390, 70.7409,
93.3755

28.2823, 16.2948,
24.1411

126.0419, 93.3240,
121.1694

18.6801, 9.7330,
15.2252

158.1011,
120.2647, 153.9945

11.5420, 5.2223,
8.8292

195.1818,
151.9471, 192.2694

6.5026, 2.3783,
4.5346

237.6494,
188.7559, 236.4126

3.1966, 0.8147,
1.9230

285.8693,

1.2586, 0.0000,

231.0752, 286.8426

0.5073

340.2068,
279.2897, 343.9781

■ 0.1519, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3404, 37.1093,
51.2071

■ 56.3404, 37.1093,
51.2071

■ 52.5548, 31.5695,
43.6828

■ 61.0462, 44.3064,
59.6032

■ 49.6157, 27.5444,
36.9905

■ 66.7327, 53.2772,
68.9038

■ 47.4418, 24.8758,
31.0886

■ 73.4579, 64.1338,
79.1419

■ 45.9322, 23.3673,
25.9282

■ 81.2745, 76.9775,
90.3477

■ 45.3461, 22.9024,
23.5523

■ 90.2317, 91.9021,
102.5501

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.



50.8779, 37.1093, 85.2068



56.3404, 37.1093, 51.2071



55.4484, 37.1093, 25.6969

Triad

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



56.3404, 37.1093, 51.2071



29.6699, 37.1093, 8.4302



24.6192, 37.1093, 93.9331

Complementary

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



56.3404, 37.1093, 51.2071



51.3792, 78.5845, 57.2638

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.



20.7002, 37.1093, 59.8688



56.3404, 37.1093, 51.2071



23.2351, 37.1093, 14.9334

Square

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



56.3404, 37.1093, 51.2071



38.8648, 37.1093, 7.7862



20.2436, 37.1093, 31.2413



31.9064, 37.1093, 116.2807

Rectangle

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



56.3404, 37.1093, 51.2071



51.4058, 37.1093, 15.6696



20.2436, 37.1093, 31.2413



22.9245, 37.1093, 82.9148

Sweetspot

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



56.3413, 37.1111, 51.2078



80.3589, 75.4631, 89.0657



43.6318, 29.5101, 98.0041



16.8416, 15.5606, 18.5575



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.



56.3413, 37.1111, 51.2078



52.1911, 31.0548, 42.9059



50.6026, 34.8156, 20.9879



18.3994, 18.1431, 20.7202



23.7701, 11.9973, 12.7058



2.3696, 1.1902, 1.5279

Inverse Universe

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



56.3413, 37.1111, 51.2078



52.1911, 31.0548, 42.9059



60.5078, 82.2360, 105.3345



18.3994, 18.1431, 20.7202



23.7701, 11.9973, 12.7058



2.3696, 1.1902, 1.5279

Previews

White Background



This preview shows how the XYZ color 56.3404, 37.1093, 51.2071 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 56.3404, 37.1093, 51.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

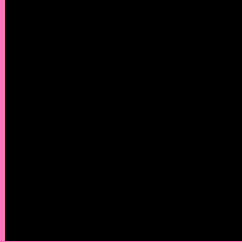
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3404, 37.1093, 51.2071

Background



This preview shows how black text looks on a background with the XYZ color 56.3404, 37.1093, 51.2071.



This preview shows how white text looks on a background with the XYZ color 56.3404, 37.1093,

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

56.3404, 37.1093, 51.2071

Protanopia

37.9193, 37.2510, 72.2094

Deuteranopia

38.0426, 37.3211, 48.3787



Tritanopia

51.2584, 36.9950, 27.3608

Trichromacy



Original Color

56.3404, 37.1093, 51.2071



Protanomaly

41.8814, 35.3206, 63.6416



Deuteranomaly

43.1491, 36.0619, 49.4862



Tritanomaly

52.9372, 36.9476, 34.9134

Monochromacy



Original Color

56.3404, 37.1093, 51.2071



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

41.2652, 35.8903, 44.2878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3404, 37.1093, 51.2071 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.3404, 37.1093, 51.2071 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, 187) }
```


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

```
.border{ border-color:rgb(255, 115, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3404, 37.1093, 51.2071 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
115, 187) }
```

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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