

Converting Colors

XYZ(51.2764, 35.8408, 37.9336)

Have a look what the booklet for
XYZ(51.2764, 35.8408, 37.9336)
contains.

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Color

**XYZ(51.2764, 35.8408,
37.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	F679A1
RGB	246, 121, 161
RGB Percent	96%, 47%, 63%
CMY	0.0353, 0.5255, 0.3686
CMYK	0.00, 0.51, 0.35, 0.04
HSL	341°, 87%, 72%
HSV	341°, 51%, 96%
XYZ	51.2764, 35.8408, 37.9336
YIQ	162.9350, 61.6600, 38.9400

Conversions

Conversions Part 2

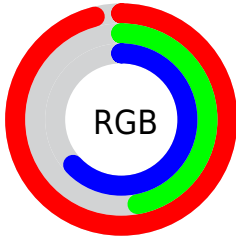
Format	Color
R_{YB}	246, 121, 161
Decimal	16152993
CIE _{Lab}	66.40, 51.87, 1.34
CIE _{LCh}	66, 51.886, 1.476
Yxy	35.8408, 0.4100, 0.2866
Android (android.graphics.Color)	4294343073 (0xFFFF679A1)
YUV	162.9350, -0.9540, 72.8480
Hunter-Lab	59.8672, 48.1181, 4.3392

Details

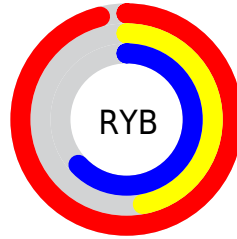
The XYZ color **51.2764, 35.8408, 37.9336** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.9833, 74.4335, 70.0241**, and the grayscale version is **34.7672, 36.5778, 39.8333**.

A 20% lighter version of the original color is **69.1600, 57.2685, 72.3746**, and **25.0713, 15.5792, 16.4375** is the 20% darker color. If you saturate the color by 10%, you get **47.2810, 30.0551, 29.8039**, and if you desaturate by 10%, it is **56.2332, 43.2333, 47.3583**.

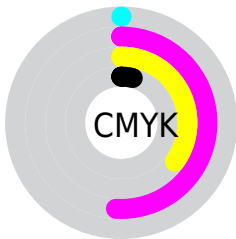
Distribution



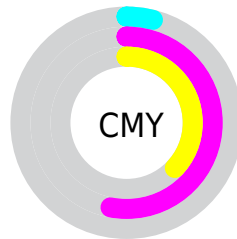
- Red (96%)
- Green (47%)
- Blue (63%)



- Red (96%)
- Yellow (47%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2764, 35.8408, 37.9336 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 51.2764, 35.8408, 37.9336 by changing the saturation by 10% instead.


 51.2764, 35.8408,
37.9336


 51.2764, 35.8408,
37.9336

382.0067,
328.2642, 352.6247

 36.6506, 24.3113,
25.6297


 91.2438, 68.7863,
73.2086

 25.1095, 15.5647,
16.3236


 117.3160, 90.9710,
97.0169

 16.2878, 9.2166,
9.5966


 147.9344,
117.4763, 125.4970

 9.8202, 4.8828,
5.0302


183.4644,
148.6864, 159.0676

 5.3412, 2.1786,
2.2060

224.2712,
184.9859, 198.1471

 2.4856, 0.7083,
0.6778

270.7203,

 0.8880, 0.0000,

226.7591, 243.1541

0.0000

323.1770,
274.3904, 294.5071

■ 0.0000, 0.0000,
0.0000

■ 51.2764, 35.8408,
37.9336

■ 51.2764, 35.8408,
37.9336

■ 47.2810, 30.0551,
29.8039

■ 56.2332, 43.2333,
47.3583

■ 44.1772, 25.7492,
22.9064

■ 62.2089, 52.3358,
58.1324

■ 41.8899, 22.7861,
17.1757

■ 69.2594, 63.2494,
70.3092

■ 40.3289, 20.9998,
12.5376

■ 77.4359, 76.0655,
83.9386

■ 39.4068, 20.1531,
9.1552

■ 86.7862, 90.8696,
99.0678

91.8160, 98.3328,
108.7487

Harmonies

Analogous

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



48.9391, 35.8408, 63.2110



51.2764, 35.8408, 37.9336



48.4512, 35.8408, 20.6856

Triad

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



51.2764, 35.8408, 37.9336



26.8496, 35.8408, 12.7372



27.4219, 35.8408, 89.9375

Complementary

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



51.2764, 35.8408, 37.9336



51.9833, 74.4335, 70.0241

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.



22.8530, 35.8408, 65.8784



51.2764, 35.8408, 37.9336



22.5596, 35.8408, 21.9603

Square

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



51.2764, 35.8408, 37.9336



33.6825, 35.8408, 9.9872



21.2142, 35.8408, 40.1362



34.4516, 35.8408, 99.2740

Rectangle

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



51.2764, 35.8408, 37.9336



44.2364, 35.8408, 14.2207



21.2142, 35.8408, 40.1362



25.5870, 35.8408, 82.9449

Sweetspot

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



51.2774, 35.8426, 37.9343



80.1297, 76.4134, 84.6464



48.4668, 33.2153, 91.0454



16.7516, 15.7297, 17.4513



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.



51.2774, 35.8426, 37.9343



51.1870, 32.4462, 32.0911



51.1068, 40.2718, 23.1712



16.7176, 16.5699, 18.2596



21.0902, 10.7795, 5.1835



1.8985, 0.9654, 0.6919

Inverse Universe

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



51.2774, 35.8426, 37.9343



51.1870, 32.4462, 32.0911



51.4914, 64.6605, 96.9556



16.7176, 16.5699, 18.2596



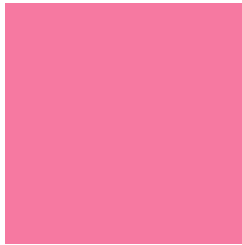
21.0902, 10.7795, 5.1835



1.8985, 0.9654, 0.6919

Previews

White Background



This preview shows how the XYZ color 51.2764, 35.8408, 37.9336 looks on a white background.

Color Contrast Check

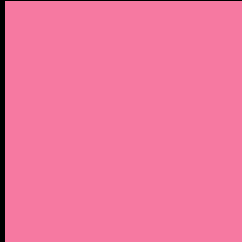
Large Text (above 18pt) WCAG AA × Fail

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 51.2764, 35.8408, 37.9336 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 51.2764, 35.8408, 37.9336

Background



This preview shows how black text looks on a background with the XYZ color 51.2764, 35.8408, 37.9336.



This preview shows how white text looks on a background with the XYZ color 51.2764, 35.8408,

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

51.2764, 35.8408, 37.9336

Protanopia

35.6024, 36.2616, 51.0217

Deuteranopia

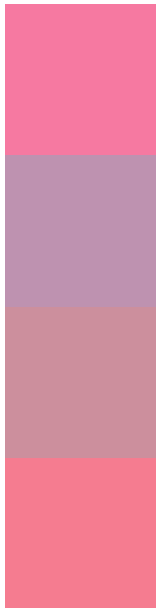
36.6273, 35.8468, 35.9990



Tritanopia

49.1423, 35.9041, 27.2618

Trichromacy



Original Color

51.2764, 35.8408, 37.9336

Protanomaly

39.3506, 34.6395, 45.6864

Deuteranomaly

40.8101, 34.9166, 36.4869

Tritanomaly

49.8979, 35.8414, 30.6737

Monochromacy



Original Color

51.2764, 35.8408, 37.9336

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.1038, 35.1259, 38.9014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2764, 35.8408, 37.9336 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(246, 121, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 121, 161)  
}
```

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(246, 121, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 121, 161) }
```

Border

The CSS property to change the border of an element to XYZ 51.2764, 35.8408, 37.9336 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(246, 121, 161) }
```


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

```
.border{ border-color:rgb(246, 121, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 121, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 121, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 121, 161);  
box-shadow:4px 4px 4px 4px rgb(246, 121,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2764, 35.8408, 37.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 121, 161) }
```

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

```
.background{ background-color: rgb(246,  
121, 161) }
```

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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