

Converting Colors

XYZ(125.9438, 72.2312,
39.4925)

Have a look what the booklet for
XYZ(125.9438, 72.2312, 39.4925)
contains.

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Color

**XYZ(52.7741, 34.4537,
36.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6C9E
RGB	255, 108, 158
RGB Percent	100%, 42%, 62%
CMY	0.0000, 0.5764, 0.3804
CMYK	0.00, 0.58, 0.38, 0.00
HSL	340°, 100%, 71%
HSV	340°, 58%, 100%
XYZ	52.7741, 34.4537, 36.2165
YIQ	157.6530, 71.5620, 46.7140

Conversions

Conversions Part 2

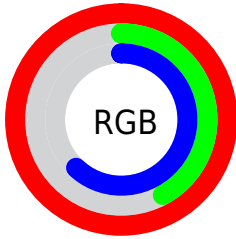
Format	Color
R_{YB}	255, 108, 158
Decimal	16739486
CIE _{Lab}	65.32, 60.44, 1.64
CIE _{LCh}	65, 60.458, 1.550
Yxy	34.4537, 0.4275, 0.2791
Android (android.graphics.Color)	4294929566 (0xFFFF6C9E)
YUV	157.6530, 0.1711, 85.3733
Hunter-Lab	58.6973, 57.7672, 4.5059

Details

The XYZ color **52.7741, 34.4537, 36.2165** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.9657, 79.1168, 70.2418**, and the grayscale version is **32.3201, 34.0033, 37.0296**.

A 20% lighter version of the original color is **66.5788, 52.9237, 68.9936**, and **26.0003, 14.7275, 15.3822** is the 20% darker color. If you saturate the color by 10%, you get **49.1164, 29.2998, 28.3337**, and if you desaturate by 10%, it is **57.4183, 41.2630, 45.4072**.

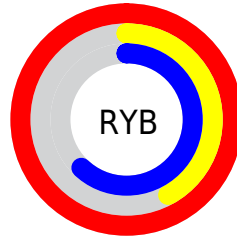
Distribution



Red (100%)

Green (42%)

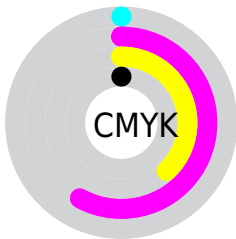
Blue (62%)



Red (100%)

Yellow (42%)

Blue (62%)

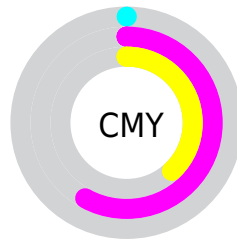


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7741, 34.4537, 36.2165 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 52.7741, 34.4537, 36.2165 by changing the saturation by 10% instead.


 52.7741, 34.4537,
36.2165


 52.7741, 34.4537,
36.2165


387.6929,
322.1504, 344.9718


 37.8492, 23.2424,
24.3104


 93.4394, 66.6386,
70.5389


 26.0424, 14.7726,
15.3497


 119.9105, 88.3809,
93.7923

 16.9882, 8.6599,
8.9159


 150.9610,
114.4024, 121.6653

 10.3213, 4.5200,
4.5903

 186.9563,
145.0874, 154.5763

 5.6764, 1.9685,
1.9544

228.2619,
180.8203, 192.9439

 2.6881, 0.5891,
0.5270

275.2429,

 0.9911, 0.0000,

221.9855, 237.1867

0.0000

328.2648,
268.9674, 287.7231

■ 0.0000, 0.0000,
0.0000

■ 52.7741, 34.4537,
36.2165

■ 52.7741, 34.4537,
36.2165

■ 49.1164, 29.2998,
28.3337

■ 57.4183, 41.2630,
45.4072

■ 46.3635, 25.6511,
21.6913

■ 63.1158, 49.8496,
55.9646

■ 44.4246, 23.3392,
16.2169

■ 69.9309, 60.3304,
67.9456

■ 43.1802, 22.1404,
11.8256

■ 77.9216, 72.8104,
81.4031

■ 42.9491, 21.9437,
10.9302

■ 87.1417, 87.3872,
96.3872

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.



50.0192, 34.4537, 65.7066



52.7741, 34.4537, 36.2165



49.4136, 34.4537, 17.4201

Triad

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



52.7741, 34.4537, 36.2165



24.6570, 34.4537, 9.4942



25.3201, 34.4537, 98.4032

Complementary

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



52.7741, 34.4537, 36.2165



52.9657, 79.1168, 70.2418

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.



20.3257, 34.4537, 69.0667



52.7741, 34.4537, 36.2165



19.9939, 34.4537, 18.8197

Square

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



52.7741, 34.4537, 36.2165



32.2909, 34.4537, 6.9093



18.5613, 34.4537, 38.8426



33.2078, 34.4537, 109.9396

Rectangle

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



52.7741, 34.4537, 36.2165



44.4544, 34.4537, 10.8985



18.5613, 34.4537, 38.8426



23.3002, 34.4537, 89.7986

Sweetspot

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



52.7750, 34.4555, 36.2171



78.4776, 73.6848, 82.3213



48.1929, 30.7211, 97.9974



16.4297, 15.1938, 17.0113



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.



52.7750, 34.4555, 36.2171



48.6919, 28.7201, 27.3617



51.9374, 38.3233, 18.8494



18.2643, 18.0890, 20.0089



22.5042, 11.4910, 6.0397



2.2399, 1.1383, 0.8447

Inverse Universe

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



52.7750, 34.4555, 36.2171



48.6919, 28.7201, 27.3617



53.3604, 68.6589, 105.0478



18.2643, 18.0890, 20.0089



22.5042, 11.4910, 6.0397



2.2399, 1.1383, 0.8447

Previews

White Background



This preview shows how the XYZ color 52.7741, 34.4537, 36.2165 looks on a white background.

Color Contrast Check

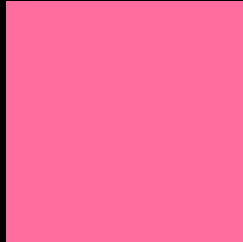
Large Text (above 18pt) WCAG AA × Fail

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 52.7741, 34.4537, 36.2165 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 52.7741, 34.4537, 36.2165

Background



This preview shows how black text looks on a background with the XYZ color 52.7741, 34.4537, 36.2165.



This preview shows how white text looks on a background with the XYZ color 52.7741, 34.4537,

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

52.7741, 34.4537, 36.2165

Protanopia

34.4408, 34.8569, 52.4898

Deuteranopia

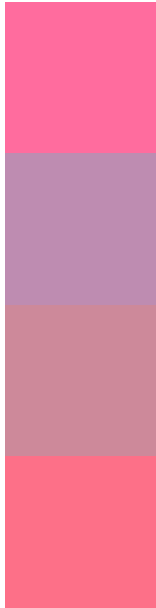
35.2730, 34.6927, 34.1154



Tritanopia

49.8508, 34.3870, 22.7488

Trichromacy



Original Color

52.7741, 34.4537, 36.2165

Protanomaly

38.5491, 32.8776, 45.9092

Deuteranomaly

39.9552, 33.2036, 34.8749

Tritanomaly

50.7461, 34.2486, 27.2286

Monochromacy



Original Color

52.7741, 34.4537, 36.2165

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.5420, 32.5622, 36.6542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7741, 34.4537, 36.2165 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, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 158)  
}
```

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, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.7741, 34.4537, 36.2165 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, 108, 158) }
```


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

```
.border{ border-color:rgb(255, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7741, 34.4537, 36.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 158) }
```

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

```
.background{ background-color: rgb(255,  
108, 158) }
```

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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