

Converting Colors

XYZ(52.6665, 34.2596, 36.1158)

Have a look what the booklet for
XYZ(52.6665, 34.2596, 36.1158)
contains.

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Color

**XYZ(52.6693, 34.2440,
36.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B9E
RGB	255, 107, 158
RGB Percent	100%, 42%, 62%
CMY	0.0000, 0.5804, 0.3804
CMYK	0.00, 0.58, 0.38, 0.00
HSL	339°, 100%, 71%
HSV	339°, 58%, 100%
XYZ	52.6693, 34.2440, 36.1815
YIQ	157.0660, 71.8370, 47.2370

Conversions

Conversions Part 2

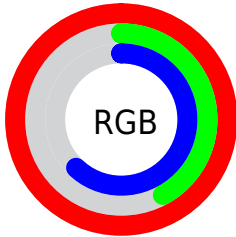
Format	Color
RYB	255, 107, 158
Decimal	16739230
CIELab	65.16, 60.88, 1.40
CIElCh	65, 60.892, 1.313
Yxy	34.2440, 0.4279, 0.2782
Android (android.graphics.Color)	4294929310 (0xFFFF6B9E)
YUV	157.0660, 0.4605, 85.8881
Hunter-Lab	58.5184, 58.2513, 4.3043

Details

The XYZ color **52.6693, 34.2440, 36.1815** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.7244, 79.0063, 69.6024**, and the grayscale version is **32.0541, 33.7234, 36.7248**.

A 20% lighter version of the original color is **66.3991, 52.5644, 68.9337**, and **25.9589, 14.6448, 15.3685** is the 20% darker color. If you saturate the color by 10%, you get **49.0495, 29.1523, 28.3532**, and if you desaturate by 10%, it is **57.2702, 40.9847, 45.3028**.

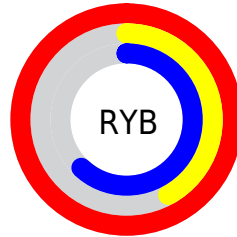
Distribution



Red (100%)

Green (42%)

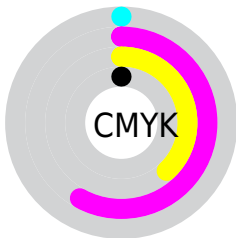
Blue (62%)



Red (100%)

Yellow (42%)

Blue (62%)

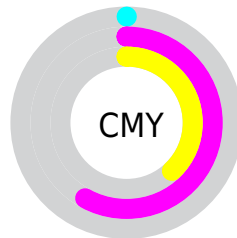


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6693, 34.2440, 36.1815 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 52.6693, 34.2440, 36.1815 by changing the saturation by 10% instead.


 52.6693, 34.2440,
36.1815

 52.6693, 34.2440,
36.1815


387.2967,
321.2187, 344.8145

 37.7653, 23.0811,
24.2836


 93.2860, 66.3129,
70.4843


 25.9769, 14.6534,
15.3300


 119.7293, 87.9878,
93.7263

 16.9390, 8.5765,
8.9021


 150.7498,
113.9354, 121.5867

 10.2860, 4.4660,
4.5814

 186.7127,
144.5401, 154.4842

 5.6527, 1.9375,
1.9494

227.9836,
180.1864, 192.8371

 2.6737, 0.5708,
0.5239

274.9276,

 0.9837, 0.0000,

221.2587, 237.0641

0.0000

327.9102,
268.1413, 287.5838

■ 0.0000, 0.0000,
0.0000

■ 52.6693, 34.2440,
36.1815

■ 52.6693, 34.2440,
36.1815

■ 49.0495, 29.1523,
28.3532

■ 57.2702, 40.9847,
45.3028

■ 46.3290, 25.5589,
21.7510

■ 62.9194, 49.4970,
55.7752

■ 44.4166, 23.2942,
16.3034

■ 69.6811, 59.8981,
67.6548

■ 43.1890, 22.1266,
11.9251

■ 77.6134, 72.2933,
80.9941

■ 42.9958, 21.9623,
11.1759

■ 86.7701, 86.7804,
95.8424

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.



49.8516, 34.2440, 65.8739



52.6693, 34.2440, 36.1815



49.3359, 34.2440, 17.2775

Triad

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



52.6693, 34.2440, 36.1815



24.4893, 34.2440, 9.2438



25.0516, 34.2440, 98.3668

Complementary

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



52.6693, 34.2440, 36.1815



52.7244, 79.0063, 69.6024

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.



20.0791, 34.2440, 68.7380



52.6693, 34.2440, 36.1815



19.7981, 34.2440, 18.4604

Square

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



52.6693, 34.2440, 36.1815



32.1600, 34.2440, 6.7225



18.3409, 34.2440, 38.4125



32.9389, 34.2440, 110.1951

Rectangle

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



52.6693, 34.2440, 36.1815



44.3701, 34.2440, 10.7346



18.3409, 34.2440, 38.4125



23.0377, 34.2440, 89.6519

Sweetspot

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



52.6702, 34.2458, 36.1821



78.5042, 73.6954, 82.4614



47.9925, 30.4621, 97.9580



16.4359, 15.1963, 17.0442



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.



52.6702, 34.2458, 36.1821



48.4468, 28.3332, 26.9618



51.7718, 38.0768, 18.5331



18.2677, 18.0904, 20.0269



22.5291, 11.5009, 6.1709



2.2426, 1.1394, 0.8591

Inverse Universe

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



52.6702, 34.2458, 36.1821



48.4468, 28.3332, 26.9618



53.1971, 68.5117, 105.0280



18.2677, 18.0904, 20.0269



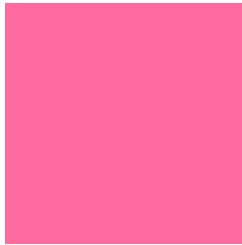
22.5291, 11.5009, 6.1709



2.2426, 1.1394, 0.8591

Previews

White Background



This preview shows how the XYZ color 52.6693, 34.2440, 36.1815 looks on a white background.

Color Contrast Check

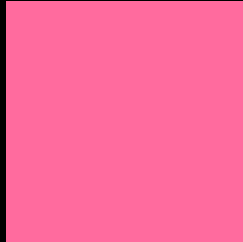
Large Text (above 18pt) WCAG AA × Fail

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 52.6693, 34.2440, 36.1815 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 52.6693, 34.2440, 36.1815

Background



This preview shows how black text looks on a background with the XYZ color 52.6693, 34.2440, 36.1815.



This preview shows how white text looks on a background with the XYZ color 52.6693, 34.2440,

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

52.6693, 34.2440, 36.1815

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

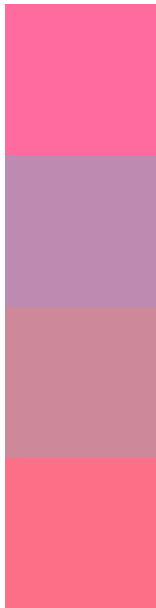
35.1086, 34.3639, 34.0606



Tritanopia

49.6750, 34.1352, 22.3829

Trichromacy



Original Color

52.6693, 34.2440, 36.1815

Protanomaly

38.1547, 32.4584, 45.8491

Deuteranomaly

39.8137, 32.9205, 34.8277

Tritanomaly

50.5656, 34.0008, 26.8194

Monochromacy



Original Color

52.6693, 34.2440, 36.1815

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

37.3107, 32.2370, 36.1542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6693, 34.2440, 36.1815 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, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 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, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.6693, 34.2440, 36.1815 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, 107, 158) }
```


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

```
.border{ border-color:rgb(255, 107, 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, 107, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6693, 34.2440, 36.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 158) }
```

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

```
.background{ background-color: rgb(255,  
107, 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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