

Converting Colors

XYZ(93.6417, 55.9277, 34.1110)

Have a look what the booklet for
XYZ(93.6417, 55.9277, 34.1110)
contains.

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Color

**XYZ(52.2407, 34.5818,
32.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6E95
RGB	255, 110, 149
RGB Percent	100%, 43%, 58%
CMY	0.0000, 0.5686, 0.4157
CMYK	0.00, 0.57, 0.42, 0.00
HSL	344°, 100%, 72%
HSV	344°, 57%, 100%
XYZ	52.2407, 34.5818, 32.3553
YIQ	157.8010, 73.9010, 42.8690

Conversions

Conversions Part 2

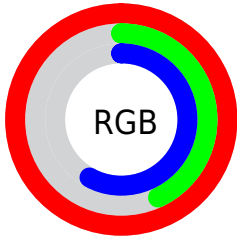
Format	Color
R _Y B	255, 110, 149
Decimal	16739989
CIE _{Lab}	65.42, 58.61, 6.92
CIE _{LCh}	65, 59.020, 6.733
Y _{xy}	34.5818, 0.4383, 0.2902
Android (android.graphics.Color)	4294930069 (0xFFFF6E95)
YUV	157.8010, -4.3389, 85.2435
Hunter-Lab	58.8063, 55.6599, 8.5430

Details

The XYZ color **52.2407, 34.5818, 32.3553** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.5871, 79.7936, 77.4957**, and the grayscale version is **32.4061, 34.0938, 37.1281**.

A 20% lighter version of the original color is **65.6557, 52.8442, 63.2394**, and **25.7283, 14.8262, 13.3101** is the 20% darker color. If you saturate the color by 10%, you get **48.5032, 29.3012, 24.3447**, and if you desaturate by 10%, it is **57.0097, 41.5440, 41.8857**.

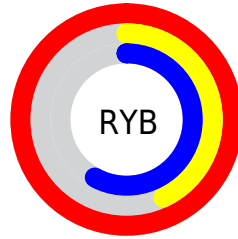
Distribution



Red (100%)

Green (43%)

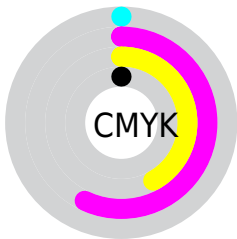
Blue (58%)



Red (100%)

Yellow (43%)

Blue (58%)

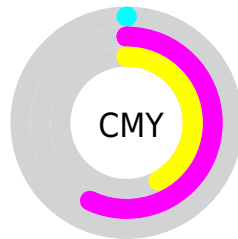


Cyan (0%)

Magenta (57%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2407, 34.5818, 32.3553 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 52.2407, 34.5818, 32.3553 by changing the saturation by 10% instead.


 52.2407, 34.5818,
32.3553


 52.2407, 34.5818,
32.3553


385.6739,
322.7186, 327.2771

 37.4220, 23.3409,
21.3660


 92.6582, 66.8374,
64.4720

 25.7096, 14.8454,
13.1979

 118.9878, 88.6209,
86.4365

 16.7380, 8.7110,
7.4327


 149.8851,
114.6874, 112.8965

 10.1420, 4.5531,
3.6516

185.7153,
145.4213, 144.2704

 5.5562, 1.9875,
1.4362

226.8440,
181.2069, 180.9769

 2.6152, 0.6002,
0.1697

273.6364,

 0.9537, 0.0000,

222.4288, 223.4345

0.0000

326.4579,
269.4712, 272.0617

■ 0.0000, 0.0000,
0.0000

■ 52.2407, 34.5818,
32.3553

■ 52.2407, 34.5818,
32.3553

■ 48.5032, 29.3012,
24.3447

■ 57.0097, 41.5440,
41.8857

■ 45.7131, 25.5523,
17.7692

■ 62.8796, 50.3100,
53.0103

■ 43.7770, 23.1677,
12.5375

■ 69.9168, 60.9967,
65.8004

■ 42.5774, 21.9340,
8.5446

■ 78.1818, 73.7097,
80.3224

■ 42.3010, 21.6844,
7.5175

■ 87.7305, 88.5468,
96.6391

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



50.5778, 34.5818, 59.7012



52.2407, 34.5818, 32.3553



48.0303, 34.5818, 15.7931

Triad

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



52.2407, 34.5818, 32.3553



23.9151, 34.5818, 10.9766



26.7441, 34.5818, 100.3036

Complementary

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



52.2407, 34.5818, 32.3553



54.5871, 79.7936, 77.4957

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.



21.2899, 34.5818, 73.7990



52.2407, 34.5818, 32.3553



19.8672, 34.5818, 21.8371

Square

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



52.2407, 34.5818, 32.3553



30.9627, 34.5818, 7.4412



18.9979, 34.5818, 43.5011



34.8519, 34.5818, 107.2502

Rectangle

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



52.2407, 34.5818, 32.3553



42.8300, 34.5818, 10.2679



18.9979, 34.5818, 43.5011



24.5861, 34.5818, 92.9570

Sweetspot

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



52.2416, 34.5836, 32.3559



78.0569, 73.5165, 80.1060



51.3347, 32.6577, 98.2054



16.3311, 15.1543, 16.4922



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.



52.2416, 34.5836, 32.3559



48.1388, 28.7991, 23.5238



53.6423, 41.5608, 19.9491



18.2100, 18.0673, 19.7229



22.1559, 11.3517, 4.2055



2.2004, 1.1225, 0.6369

Inverse Universe

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



52.2416, 34.5836, 32.3559



48.1388, 28.7991, 23.5238



51.0257, 63.6240, 104.1988



18.2100, 18.0673, 19.7229



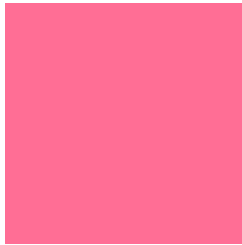
22.1559, 11.3517, 4.2055



2.2004, 1.1225, 0.6369

Previews

White Background



This preview shows how the XYZ color 52.2407, 34.5818, 32.3553 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 52.2407, 34.5818, 32.3553 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 52.2407, 34.5818, 32.3553

Background



This preview shows how black text looks on a background with the XYZ color 52.2407, 34.5818, 32.3553.



This preview shows how white text looks on a background with the XYZ color 52.2407, 34.5818,

32.3553.

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

52.2407, 34.5818, 32.3553

Protanopia

33.9680, 34.7564, 45.9926

Deuteranopia

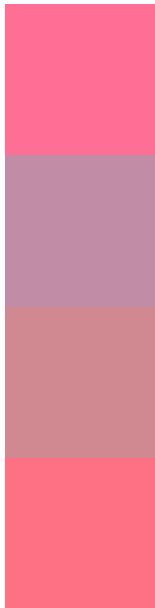
35.3298, 34.5592, 30.3997



Tritanopia

50.2139, 34.5742, 22.7658

Trichromacy



Original Color

52.2407, 34.5818, 32.3553

Protanomaly

38.4001, 33.1404, 40.4492

Deuteranomaly

40.0689, 33.3456, 31.1125

Tritanomaly

50.9430, 34.5470, 25.8130

Monochromacy



Original Color

52.2407, 34.5818, 32.3553

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.4336, 32.7538, 35.3595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2407, 34.5818, 32.3553 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, 110, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 149)  
}
```

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, 110, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 149) }
```

Border

The CSS property to change the border of an element to XYZ 52.2407, 34.5818, 32.3553 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, 110, 149) }
```


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

```
.border{ border-color:rgb(255, 110, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2407, 34.5818, 32.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 149) }
```

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

```
.background{ background-color: rgb(255,  
110, 149) }
```

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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