

Converting Colors

XYZ(52.0511, 33.5054, 34.4421)

Have a look what the booklet for
XYZ(52.0511, 33.5054, 34.4421)
contains.

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Color

**XYZ(52.0230, 33.4937,
34.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	FF689A
RGB	255, 104, 154
RGB Percent	100%, 41%, 60%
CMY	0.0000, 0.5921, 0.3961
CMYK	0.00, 0.59, 0.40, 0.00
HSL	340°, 100%, 70%
HSV	340°, 59%, 100%
XYZ	52.0230, 33.4937, 34.2949
YIQ	154.8490, 73.9460, 47.5620

Conversions

Conversions Part 2

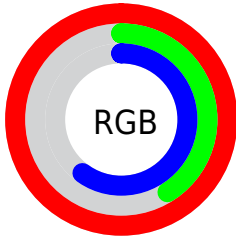
Format	Color
R_{YB}	255, 104, 154
Decimal	16738458
CIE _{Lab}	64.56, 61.76, 2.82
CIE _{LCh}	65, 61.828, 2.611
Yxy	33.4937, 0.4342, 0.2796
Android (android.graphics.Color)	4294928538 (0xFFFF689A)
YUV	154.8490, -0.4186, 87.8324
Hunter-Lab	57.8737, 59.1755, 5.3775

Details

The XYZ color **52.0230, 33.4937, 34.2949** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.4902, 78.8716, 70.2197**, and the grayscale version is **31.0692, 32.6872, 35.5964**.

A 20% lighter version of the original color is **65.3700, 51.3038, 66.1318**, and **25.5970, 14.2500, 14.2334** is the 20% darker color. If you saturate the color by 10%, you get **48.5119, 28.5858, 26.6065**, and if you desaturate by 10%, it is **56.5136, 40.0373, 43.3064**.

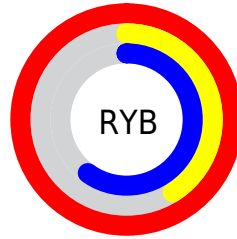
Distribution



Red (100%)

Green (41%)

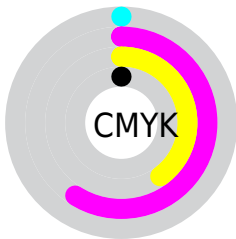
Blue (60%)



Red (100%)

Yellow (41%)

Blue (60%)

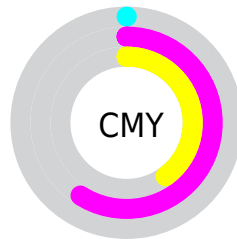


Cyan (0%)

Magenta (59%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0230, 33.4937, 34.2949 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 52.0230, 33.4937, 34.2949 by changing the saturation by 10% instead.


 52.0230, 33.4937,
34.2949


 52.0230, 33.4937,
34.2949

384.8479,
317.8685, 336.2542


 37.2478, 22.5049,
22.8410


 92.3392, 65.1456,
67.5311


 25.5739, 14.2284,
14.2720


 118.6108, 86.5774,
90.1506

 16.6362, 8.2797,
8.1692

 149.4453,
112.2591, 117.3290

 10.0691, 4.2744,
4.1141

 185.2080,
142.5750, 149.4849

 5.5074, 1.8282,
1.6881

226.2643,
177.9095, 187.0368

 2.5857, 0.5047,
0.3526

272.9794,

 0.9387, 0.0000,

218.6470, 230.4033

0.0000

325.7188,
265.1719, 280.0029

■ 0.0000, 0.0000,
0.0000

■ 52.0230, 33.4937,
34.2949

■ 52.0230, 33.4937,
34.2949

■ 48.5119, 28.5858,
26.6065

■ 56.5136, 40.0373,
43.3064

■ 45.8967, 25.1603,
20.1706

■ 62.0522, 48.3414,
53.7023

■ 44.0832, 23.0432,
14.9115

■ 68.7043, 58.5243,
65.5418

■ 42.9323, 21.9718,
10.7343

■ 76.5289, 70.6930,
78.8801

■ 42.8570, 21.9068,
10.4454

■ 85.5808, 84.9459,
93.7690

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



49.4466, 33.4937, 63.7739



52.0230, 33.4937, 34.2949



48.4148, 33.4937, 16.0152

Triad

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



52.0230, 33.4937, 34.2949



23.5214, 33.4937, 8.9051



24.6352, 33.4937, 99.0542

Complementary

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



52.0230, 33.4937, 34.2949



52.4902, 78.8716, 70.2197

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.



19.5515, 33.4937, 69.5161



52.0230, 33.4937, 34.2949



18.9971, 33.4937, 18.3396

Square

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



52.0230, 33.4937, 34.2949



31.0663, 33.4937, 6.2453



17.6897, 33.4937, 38.7330



32.6158, 33.4937, 109.9606

Rectangle

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



52.0230, 33.4937, 34.2949



43.3173, 33.4937, 9.8462



17.6897, 33.4937, 38.7330



22.5851, 33.4937, 90.4629

Sweetspot

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



52.0239, 33.4955, 34.2955



77.5599, 72.3080, 80.6015



48.0869, 30.0546, 97.8742



16.0778, 14.6582, 16.3758



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.



52.0239, 33.4955, 34.2955



47.9811, 27.8692, 25.3660



51.6122, 38.0060, 17.7147



18.2574, 18.0863, 19.9725



22.4550, 11.4713, 5.7805



2.2345, 1.1362, 0.8162

Inverse Universe

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



52.0239, 33.4955, 34.2955



47.9811, 27.8692, 25.3660



52.0107, 66.6652, 104.7339



18.2574, 18.0863, 19.9725



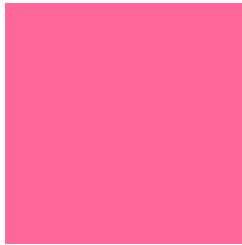
22.4550, 11.4713, 5.7805



2.2345, 1.1362, 0.8162

Previews

White Background



This preview shows how the XYZ color 52.0230, 33.4937, 34.2949 looks on a white background.

Color Contrast Check

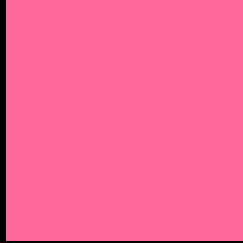
Large Text (above 18pt) WCAG AA × Fail

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 52.0230, 33.4937, 34.2949 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 52.0230, 33.4937, 34.2949

Background



This preview shows how black text looks on a background with the XYZ color 52.0230, 33.4937, 34.2949.



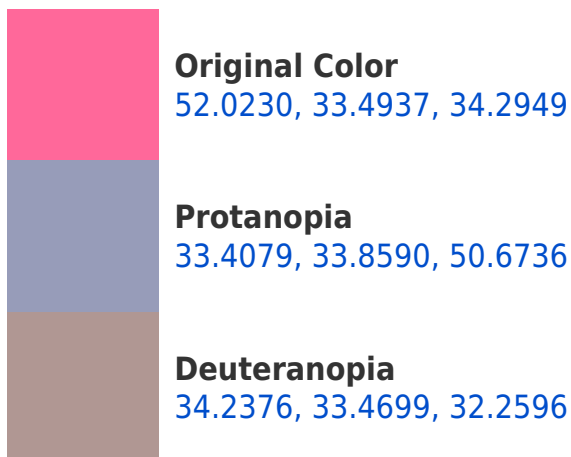
This preview shows how white text looks on a background with the XYZ color 52.0230, 33.4937,

34.2949.

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

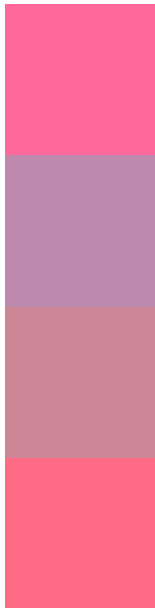




Tritanopia

49.1591, 33.3962, 21.3079

Trichromacy



Original Color

52.0230, 33.4937, 34.2949

Protanomaly

37.5719, 31.7661, 44.1956

Deuteranomaly

39.2070, 32.2313, 33.0090

Tritanomaly

50.0354, 33.2737, 25.6151

Monochromacy



Original Color

52.0230, 33.4937, 34.2949

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.2064, 31.0512, 35.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0230, 33.4937, 34.2949 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, 104, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 154)  
}
```

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, 104, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.0230, 33.4937, 34.2949 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, 104, 154) }
```


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

```
.border{ border-color:rgb(255, 104, 154) }
```

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

Here you see how a box with a 4 pixel rgb(255, 104, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0230, 33.4937, 34.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 154) }
```

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

```
.background{ background-color: rgb(255,  
104, 154) }
```

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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