

Converting Colors

XYZ(68.2032, 42.3369, 35.1149)

Have a look what the booklet for
XYZ(68.2032, 42.3369, 35.1149)
contains.

XYZ(52.3304, 34.1085, 34.3973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3304, 34.1085,
34.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B9A
RGB	255, 107, 154
RGB Percent	100%, 42%, 60%
CMY	0.0000, 0.5804, 0.3961
CMYK	0.00, 0.58, 0.40, 0.00
HSL	341°, 100%, 71%
HSV	341°, 58%, 100%
XYZ	52.3304, 34.1085, 34.3973
YIQ	156.6100, 73.1210, 45.9930

Conversions

Conversions Part 2

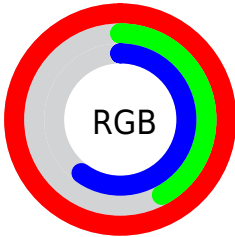
Format	Color
R_{YB}	255, 107, 154
Decimal	16739226
CIE _{Lab}	65.05, 60.46, 3.53
CIE _{LCh}	65, 60.558, 3.338
Yxy	34.1085, 0.4331, 0.2823
Android (android.graphics.Color)	4294929306 (0xFFFF6B9A)
YUV	156.6100, -1.2867, 86.2880
Hunter-Lab	58.4025, 57.7371, 5.9617

Details

The XYZ color **52.3304, 34.1085, 34.3973** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.2105, 79.2007, 72.1624**, and the grayscale version is **31.8567, 33.5157, 36.4986**.

A 20% lighter version of the original color is **65.9006, 52.3650, 66.3086**, and **25.7533, 14.5625, 14.2855** is the 20% darker color. If you saturate the color by 10%, you get **48.7069, 29.0153, 26.5493**, and if you desaturate by 10%, it is **56.9496, 40.8565, 43.6146**.

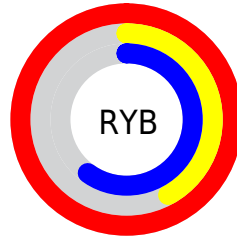
Distribution



Red (100%)

Green (42%)

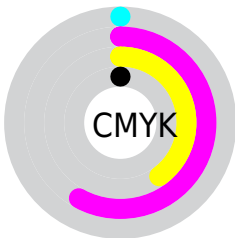
Blue (60%)



Red (100%)

Yellow (42%)

Blue (60%)

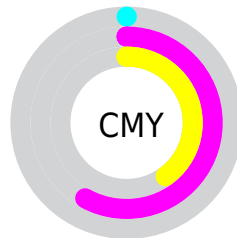


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3304, 34.1085, 34.3973 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 52.3304, 34.1085, 34.3973 by changing the saturation by 10% instead.


 52.3304, 34.1085,
34.3973


 52.3304, 34.1085,
34.3973


386.0139,
320.6156, 336.7231


 37.4938, 22.9770,
22.9192


 92.7897, 66.1024,
67.6920


 25.7655, 14.5765,
14.3291


 119.1431, 87.7335,
90.3456

 16.7801, 8.5227,
8.2085


 150.0662,
113.6332, 117.5614

 10.1721, 4.4312,
4.1390

 185.9242,
144.1860, 149.7580

 5.5764, 1.9176,
1.7019

227.0827,
179.7763, 187.3540

 2.6274, 0.5589,
0.3620

273.9069,

 0.9600, 0.0000,

220.7884, 230.7678

0.0000

326.7622,
267.6067, 280.4179

■ 0.0000, 0.0000,
0.0000

■ 52.3304, 34.1085,
34.3973

■ 52.3304, 34.1085,
34.3973

■ 48.7069, 29.0153,
26.5493

■ 56.9496, 40.8565,
43.6146

■ 45.9960, 25.4258,
19.9976

■ 62.6326, 49.3824,
54.2647

■ 44.1051, 23.1697,
14.6639

■ 69.4446, 59.8036,
66.4091

■ 42.9098, 22.0149,
10.4553

■ 77.4445, 72.2260,
80.1049

■ 42.7240, 21.8536,
9.7452

■ 86.6872, 86.7474,
95.4061

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.



49.9403, 34.1085, 63.2909



52.3304, 34.1085, 34.3973



48.6424, 34.1085, 16.4209

Triad

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



52.3304, 34.1085, 34.3973



24.0083, 34.1085, 9.6422



25.4271, 34.1085, 99.1568

Complementary

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



52.3304, 34.1085, 34.3973



53.2105, 79.2007, 72.1624

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.



20.2755, 34.1085, 70.4957



52.3304, 34.1085, 34.3973



19.5660, 34.1085, 19.4124

Square

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



52.3304, 34.1085, 34.3973



31.4473, 34.1085, 6.7829



18.3330, 34.1085, 40.0213



33.4107, 34.1085, 109.2012

Rectangle

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



52.3304, 34.1085, 34.3973



43.5635, 34.1085, 10.3108



18.3330, 34.1085, 40.0213



23.3585, 34.1085, 90.8951

Sweetspot

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



52.3313, 34.1103, 34.3979



78.3434, 73.6311, 81.6144



48.6705, 30.8118, 97.9896



16.3982, 15.1812, 16.8456



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.



52.3313, 34.1103, 34.3979



48.1051, 28.1965, 25.1624



52.1013, 38.7359, 18.6431



18.2470, 18.0821, 19.9179



22.3838, 11.4428, 5.4055



2.2266, 1.1330, 0.7745

Inverse Universe

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



52.3313, 34.1103, 34.3979



48.1051, 28.1965, 25.1624



52.5045, 67.1264, 104.7970



18.2470, 18.0821, 19.9179



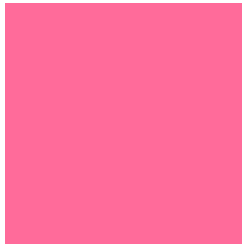
22.3838, 11.4428, 5.4055



2.2266, 1.1330, 0.7745

Previews

White Background



This preview shows how the XYZ color 52.3304, 34.1085, 34.3973 looks on a white background.

Color Contrast Check

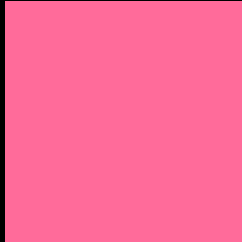
Large Text (above 18pt) WCAG AA × Fail

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 52.3304, 34.1085, 34.3973 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 52.3304, 34.1085, 34.3973

Background



This preview shows how black text looks on a background with the XYZ color 52.3304, 34.1085, 34.3973.



This preview shows how white text looks on a background with the XYZ color 52.3304, 34.1085,

34.3973.

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

52.3304, 34.1085, 34.3973

Protanopia

33.8456, 34.3469, 50.1932

Deuteranopia

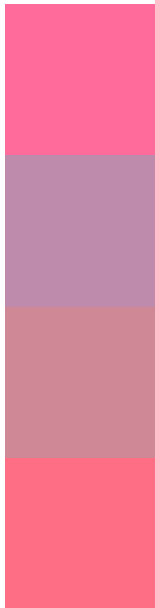
35.0178, 34.3540, 32.3891



Tritanopia

49.8643, 34.0734, 22.0378

Trichromacy



Original Color

52.3304, 34.1085, 34.3973

Protanomaly

38.0106, 32.4295, 43.7913

Deuteranomaly

39.7628, 32.9321, 33.1150

Tritanomaly

50.7911, 34.1332, 26.1017

Monochromacy



Original Color

52.3304, 34.1085, 34.3973

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

37.2257, 32.2030, 35.7063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3304, 34.1085, 34.3973 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 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, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.3304, 34.1085, 34.3973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

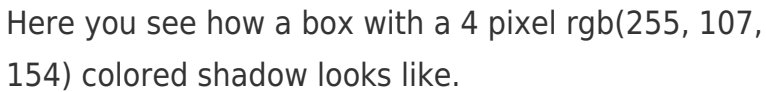
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 107, 154) }
```


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

```
.border{ border-color:rgb(255, 107, 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, 107, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3304, 34.1085, 34.3973 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, 154) }
```

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

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