

Converting Colors

XYZ(52.6182, 34.8214, 34.0696)

Have a look what the booklet for
XYZ(52.6182, 34.8214, 34.0696)
contains.

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Color

**XYZ(52.6742, 34.9288,
34.1027)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F99
RGB	255, 111, 153
RGB Percent	100%, 44%, 60%
CMY	0.0000, 0.5647, 0.4000
CMYK	0.00, 0.56, 0.40, 0.00
HSL	343°, 100%, 72%
HSV	343°, 56%, 100%
XYZ	52.6742, 34.9288, 34.1027
YIQ	158.8440, 72.3420, 43.5900

Conversions

Conversions Part 2

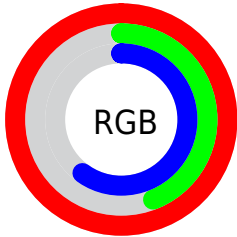
Format	Color
RYB	255, 111, 153
Decimal	16740249
CIELab	65.69, 58.57, 5.03
CIELCh	66, 58.788, 4.906
Yxy	34.9288, 0.4328, 0.2870
Android (android.graphics.Color)	4294930329 (0xFFFF6F99)
YUV	158.8440, -2.8811, 84.3288
Hunter-Lab	59.1006, 55.6645, 7.1584

Details

The XYZ color **52.6742, 34.9288, 34.1027** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.3278, 79.7044, 75.4769**, and the grayscale version is **32.8743, 34.5863, 37.6645**.

A 20% lighter version of the original color is **66.3212, 53.4024, 65.8437**, and **25.9656, 15.0670, 14.1101** is the 20% darker color. If you saturate the color by 10%, you get **48.8974, 29.5848, 26.0318**, and if you desaturate by 10%, it is **57.4727, 41.9546, 43.6291**.

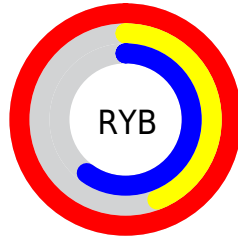
Distribution



Red (100%)

Green (44%)

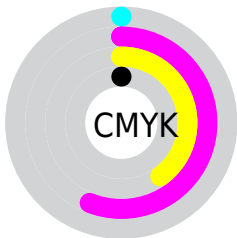
Blue (60%)



Red (100%)

Yellow (44%)

Blue (60%)

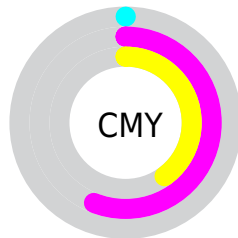


Cyan (0%)

Magenta (56%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6742, 34.9288, 34.1027 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 52.6742, 34.9288, 34.1027 by changing the saturation by 10% instead.


 52.6742, 34.9288,
34.1027


 52.6742, 34.9288,
34.1027


387.3153,
324.2539, 335.3729


 37.7692, 23.6080,
22.6945

 93.2931, 67.3755,
67.2291

 25.9800, 15.0431,
14.1649


 119.7378, 89.2701,
89.7843

 16.9413, 8.8497,
8.0954

 150.7597,
115.4582, 116.8923

 10.2877, 4.6432,
4.0674

186.7241,
146.3242, 148.9717

 5.6538, 2.0395,
1.6624

227.9966,
182.2523, 186.4408

 2.6744, 0.6303,
0.3348

274.9424,

 0.9840, 0.0000,

223.6270, 229.7184

0.0000

327.9268,
270.8328, 279.2229

■ 0.0000, 0.0000,
0.0000

■ 52.6742, 34.9288,
34.1027

■ 52.6742, 34.9288,
34.1027

■ 48.8974, 29.5848,
26.0318

■ 57.4727, 41.9546,
43.6291

■ 46.0597, 25.7740,
19.3380

■ 63.3609, 50.7833,
54.6794

■ 44.0697, 23.3305,
13.9375

■ 70.4042, 61.5311,
67.3200

■ 42.8135, 22.0458,
9.7337

■ 78.6617, 74.3028,
81.6122

■ 42.4883, 21.7593,
8.5039

■ 88.1884, 89.1958,
97.6144

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.



50.6486, 34.9288, 62.0138



52.6742, 34.9288, 34.1027



48.7874, 34.9288, 16.7717

Triad

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



52.6742, 34.9288, 34.1027



24.5639, 34.9288, 10.8205



26.6343, 34.9288, 99.5122

Complementary

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



52.6742, 34.9288, 34.1027



54.3278, 79.7044, 75.4769

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.



21.3443, 34.9288, 72.3080



52.6742, 34.9288, 34.1027



20.3024, 34.9288, 21.1993

Square

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



52.6742, 34.9288, 34.1027



31.7970, 34.9288, 7.5808



19.2348, 34.9288, 42.2511



34.6412, 34.9288, 107.9434

Rectangle

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



52.6742, 34.9288, 34.1027



43.7054, 34.9288, 10.8594



19.2348, 34.9288, 42.2511



24.5273, 34.9288, 91.8162

Sweetspot

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



52.6751, 34.9306, 34.1033



78.1903, 73.5698, 80.8083



50.8298, 32.5584, 98.2130



16.3623, 15.1668, 16.6566



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.



52.6751, 34.9306, 34.1033



48.4036, 28.9050, 24.9185



53.4595, 41.1076, 20.1583



18.2272, 18.0742, 19.8138



22.2571, 11.3921, 4.7383



2.2122, 1.1273, 0.6989

Inverse Universe

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



52.6751, 34.9306, 34.1033



48.4036, 28.9050, 24.9185



51.8578, 65.1025, 104.4404



18.2272, 18.0742, 19.8138



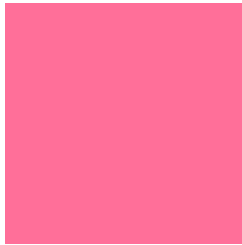
22.2571, 11.3921, 4.7383



2.2122, 1.1273, 0.6989

Previews

White Background



This preview shows how the XYZ color 52.6742, 34.9288, 34.1027 looks on a white background.

Color Contrast Check

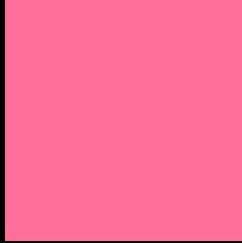
Large Text (above 18pt) WCAG AA × Fail

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 52.6742, 34.9288, 34.1027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

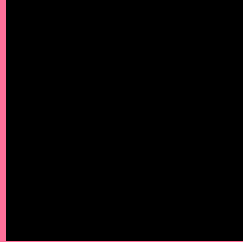
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6742, 34.9288, 34.1027

Background



This preview shows how black text looks on a background with the XYZ color 52.6742, 34.9288, 34.1027.



This preview shows how white text looks on a background with the XYZ color 52.6742, 34.9288,

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

52.6742, 34.9288, 34.1027

Protanopia

34.6433, 35.3006, 48.7039

Deuteranopia

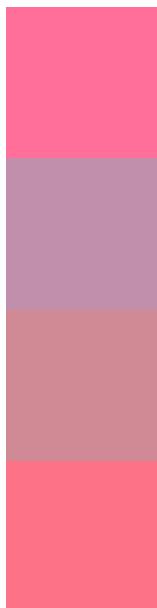
35.5663, 34.8898, 32.0540



Tritanopia

50.3915, 34.8287, 23.1355

Trichromacy



Original Color

52.6742, 34.9288, 34.1027

Protanomaly

39.0160, 33.6237, 42.9617

Deuteranomaly

40.2454, 33.6123, 32.8004

Tritanomaly

51.2635, 34.8547, 26.9474

Monochromacy



Original Color

52.6742, 34.9288, 34.1027

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

38.0069, 33.2497, 36.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6742, 34.9288, 34.1027 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, 111, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 153)  
}
```

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, 111, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.6742, 34.9288, 34.1027 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, 111, 153) }
```


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

```
.border{ border-color:rgb(255, 111, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6742, 34.9288, 34.1027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 153) }
```

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

```
.background{ background-color: rgb(255,  
111, 153) }
```

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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