

Converting Colors

XYZ(71.5506, 45.1155, 31.0358)

Have a look what the booklet for
XYZ(71.5506, 45.1155, 31.0358)
contains.

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Color

**XYZ(52.1031, 35.0534,
30.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	FF718F
RGB	255, 113, 143
RGB Percent	100%, 44%, 56%
CMY	0.0000, 0.5568, 0.4392
CMYK	0.00, 0.56, 0.44, 0.00
HSL	347°, 100%, 72%
HSV	347°, 56%, 100%
XYZ	52.1031, 35.0534, 30.0065
YIQ	158.8780, 75.0020, 39.4340

Conversions

Conversions Part 2

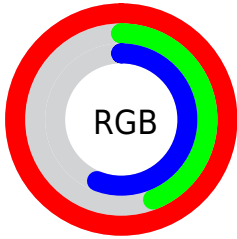
Format	Color
R_{YB}	255, 113, 143
Decimal	16740751
CIE _{Lab}	65.79, 56.66, 10.87
CIE _{LCh}	66, 57.697, 10.856
Yxy	35.0534, 0.4447, 0.2992
Android (android.graphics.Color)	4294930831 (0xFFFF718F)
YUV	158.8780, -7.8279, 84.2990
Hunter-Lab	59.2059, 53.4754, 11.3950

Details

The XYZ color **52.1031, 35.0534, 30.0065** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.1627, 80.4679, 83.8110**, and the grayscale version is **32.9108, 34.6247, 37.7063**.

A 20% lighter version of the original color is **65.5060, 53.6672, 59.7296**, and **25.6381, 15.0880, 11.9169** is the 20% darker color. If you saturate the color by 10%, you get **48.2576, 29.5862, 21.8692**, and if you desaturate by 10%, it is **57.0227, 42.2315, 39.8503**.

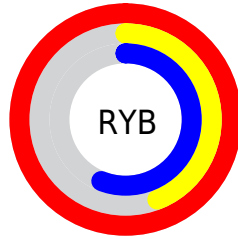
Distribution



Red (100%)

Green (44%)

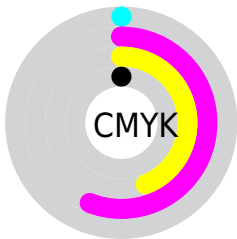
Blue (56%)



Red (100%)

Yellow (44%)

Blue (56%)

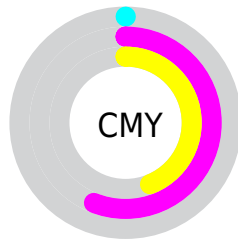


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1031, 35.0534, 30.0065 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 52.1031, 35.0534, 30.0065 by changing the saturation by 10% instead.


 52.1031, 35.0534,
30.0065

 52.1031, 35.0534,
30.0065


385.1519,
324.8040, 316.1430

 37.3119, 23.7040,
19.5914


 92.4566, 67.5685,
60.7336

 25.6238, 15.1142,
11.9173


 118.7496, 89.5030,
81.8827

 16.6736, 8.8996,
6.5655


 149.6072,
115.7346, 107.4469

 10.0959, 4.6757,
3.1176

185.3947,
146.6478, 137.8447

 5.5254, 2.0583,
1.1550

226.4776,
182.6269, 173.4946

 2.5966, 0.6410,
0.0000

273.2212,

 0.9442, 0.0000,

224.0564, 214.8153

0.0000

325.9909,
271.3206, 262.2253

■ 0.0000, 0.0000,
0.0000

■ 52.1031, 35.0534,
30.0065

■ 52.1031, 35.0534,
30.0065

■ 48.2576, 29.5862,
21.8692

■ 57.0227, 42.2315,
39.8503

■ 45.3999, 25.6809,
15.3365

■ 63.0879, 51.2422,
51.4900

■ 43.4346, 23.1720,
10.2983

■ 70.3674, 62.2023,
65.0112

■ 42.2443, 21.8534,
6.6280

■ 78.9233, 75.2173,
80.4932

■ 41.9026, 21.5251,
5.4195

■ 88.8136, 90.3853,
98.0105

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.



51.2829, 35.0534, 55.6849



52.1031, 35.0534, 30.0065



47.2846, 35.0534, 14.9917

Triad

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



52.1031, 35.0534, 30.0065



23.7212, 35.0534, 12.5675



28.2353, 35.0534, 101.7350

Complementary

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



52.1031, 35.0534, 30.0065



56.1627, 80.4679, 83.8110

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.



22.4130, 35.0534, 77.7473



52.1031, 35.0534, 30.0065



20.1299, 35.0534, 24.7726

Square

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



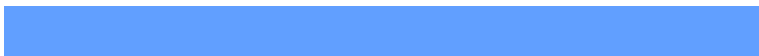
52.1031, 35.0534, 30.0065



30.3304, 35.0534, 8.1690



19.6957, 35.0534, 47.6876



36.4939, 35.0534, 105.1416

Rectangle

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



52.1031, 35.0534, 30.0065



41.9356, 35.0534, 10.1301



19.6957, 35.0534, 47.6876



25.9687, 35.0534, 95.4476

Sweetspot

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



52.1040, 35.0553, 30.0071



77.7215, 73.3823, 78.3396



54.7694, 34.9169, 98.4607



16.2526, 15.1229, 16.0791



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.



52.1040, 35.0553, 30.0071



47.8266, 28.9858, 20.9194



55.6515, 45.3133, 21.4384



18.1663, 18.0498, 19.4931



21.9386, 11.2647, 3.0611



2.1738, 1.1119, 0.4968

Inverse Universe

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



52.1040, 35.0553, 30.0071



47.8266, 28.9858, 20.9194



49.1027, 59.2145, 103.4493



18.1663, 18.0498, 19.4931



21.9386, 11.2647, 3.0611



2.1738, 1.1119, 0.4968

Previews

White Background



This preview shows how the XYZ color 52.1031, 35.0534, 30.0065 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 52.1031, 35.0534, 30.0065 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 52.1031, 35.0534, 30.0065

Background



This preview shows how black text looks on a background with the XYZ color 52.1031, 35.0534, 30.0065.



This preview shows how white text looks on a background with the XYZ color 52.1031, 35.0534,

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

52.1031, 35.0534, 30.0065

Protanopia

34.1640, 35.2005, 42.0395

Deuteranopia

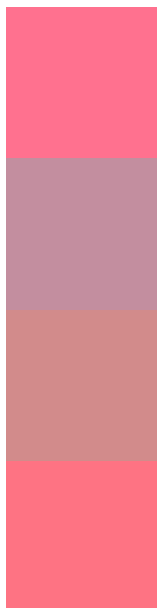
35.7667, 35.0791, 28.1784



Tritanopia

50.7565, 35.0168, 23.1525

Trichromacy



Original Color

52.1031, 35.0534, 30.0065

Protanomaly

38.4367, 33.4513, 37.2318

Deuteranomaly

40.4712, 34.0310, 28.8617

Tritanomaly

51.1005, 34.9710, 25.5295

Monochromacy



Original Color

52.1031, 35.0534, 30.0065

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.6709, 33.1152, 34.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1031, 35.0534, 30.0065 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, 113, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 143)  
}
```

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, 113, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 143) }
```

Border

The CSS property to change the border of an element to XYZ 52.1031, 35.0534, 30.0065 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, 113, 143) }
```


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

```
.border{ border-color:rgb(255, 113, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 113, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1031, 35.0534, 30.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 143) }
```

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

```
.background{ background-color: rgb(255,  
113, 143) }
```

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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