

Converting Colors

XYZ(54.1103, 34.0112, 46.2644)

Have a look what the booklet for
XYZ(54.1103, 34.0112, 46.2644)
contains.

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Color

**XYZ(54.1281, 34.0174,
46.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66B3
RGB	255, 102, 179
RGB Percent	100%, 40%, 70%
CMY	0.0000, 0.6000, 0.2980
CMYK	0.00, 0.60, 0.30, 0.00
HSL	330°, 100%, 70%
HSV	330°, 60%, 100%
XYZ	54.1281, 34.0174, 46.3610
YIQ	156.5250, 66.4710, 56.3830

Conversions

Conversions Part 2

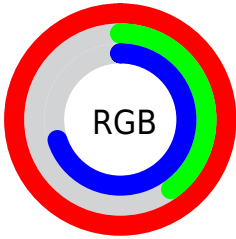
Format	Color
R_{YB}	255, 102, 179
Decimal	16737971
CIE _{Lab}	64.98, 65.41, -10.85
CIE _{LCh}	65, 66.300, 350.583
Yxy	34.0174, 0.4024, 0.2529
Android (android.graphics.Color)	4294928051 (0xFFFF66B3)
YUV	156.5250, 11.0802, 86.3626
Hunter-Lab	58.3244, 63.5895, -6.3014

Details

The XYZ color **54.1281, 34.0174, 46.3610** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.2771, 77.5599, 54.4969**, and the grayscale version is **31.7670, 33.4214, 36.3959**.

A 20% lighter version of the original color is **68.6335, 52.0544, 85.0274**, and **26.7395, 14.4267, 21.1140** is the 20% darker color. If you saturate the color by 10%, you get **50.7732, 29.2646, 39.2096**, and if you desaturate by 10%, it is **58.3728, 40.3614, 54.3904**.

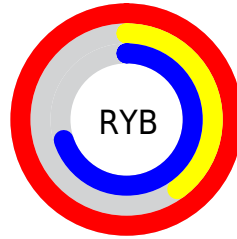
Distribution



Red (100%)

Green (40%)

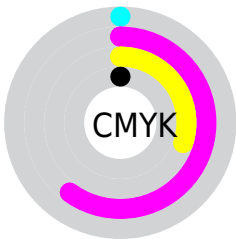
Blue (70%)



Red (100%)

Yellow (40%)

Blue (70%)

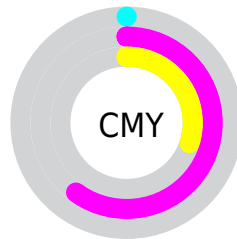


Cyan (0%)

Magenta (60%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1281, 34.0174, 46.3610 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 54.1281, 34.0174, 46.3610 by changing the saturation by 10% instead.


 54.1281, 34.0174,
46.3610


 54.1281, 34.0174,
46.3610

392.7887,
320.2096, 388.5778

 38.9352, 22.9070,
32.1801


 95.4181, 65.9607,
86.0990


 26.8898, 14.5248,
21.2331


 122.2459, 87.5624,
112.4931

 17.6266, 8.4866,
13.1016


 153.6826,
113.4300, 143.7954

 10.7803, 4.4079,
7.3670

 190.0937,
143.9478, 180.4243

 5.9855, 1.9042,
3.6108

231.8445,
179.5003, 222.7985

 2.8768, 0.5509,
1.4143

279.3004,

 1.0890, 0.0000,

220.4718, 271.3364

0.1529

332.8267,
267.2468, 326.4567

■ 0.0159, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1281, 34.0174,
46.3610

■ 54.1281, 34.0174,
46.3610

■ 50.7732, 29.2646,
39.2096

■ 58.3728, 40.3614,
54.3904

■ 48.2292, 25.9504,
32.8933

■ 63.5719, 48.4209,
63.3333

■ 46.4062, 23.9002,
27.3662

■ 69.7864, 58.3133,
73.2247

■ 45.1582, 22.8274,
22.5628

■ 77.0714, 70.1443,
84.0970

■ 45.1579, 22.8272,
22.5613

■ 85.4778, 84.0114,
95.9806

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.



48.7576, 34.0174, 81.6627



54.1281, 34.0174, 46.3610



52.8304, 34.0174, 21.4127

Triad

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



54.1281, 34.0174, 46.3610



26.2779, 34.0174, 6.3468



21.9878, 34.0174, 94.5891

Complementary

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



54.1281, 34.0174, 46.3610



49.2771, 77.5599, 54.4969

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.



17.9692, 34.0174, 58.8600



54.1281, 34.0174, 46.3610



20.0850, 34.0174, 12.6213

Square

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



54.1281, 34.0174, 46.3610



35.4418, 34.0174, 5.5618



17.3493, 34.0174, 29.0590



29.4106, 34.0174, 117.2917

Rectangle

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



54.1281, 34.0174, 46.3610



48.4413, 34.0174, 12.2242



17.3493, 34.0174, 29.0590



20.2611, 34.0174, 83.0644

Sweetspot

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



54.1289, 34.0191, 46.3616



78.6588, 72.7475, 86.3881



40.6963, 25.9491, 97.4715



16.3443, 14.7647, 17.7788



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.



54.1289, 34.0191, 46.3616



50.2012, 28.4905, 37.8787



48.5193, 31.7752, 16.8218



18.3907, 18.1396, 20.6747



23.6714, 11.9579, 12.1862



2.3600, 1.1864, 1.4769

Inverse Universe

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



54.1289, 34.0191, 46.3616



50.2012, 28.4905, 37.8787



58.8826, 81.4021, 105.0786



18.3907, 18.1396, 20.6747



23.6714, 11.9579, 12.1862



2.3600, 1.1864, 1.4769

Previews

White Background



This preview shows how the XYZ color 54.1281, 34.0174, 46.3610 looks on a white background.

Color Contrast Check

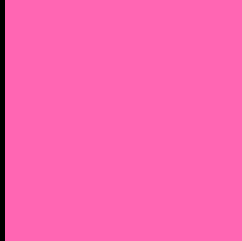
Large Text (above 18pt) WCAG AA × Fail

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 54.1281, 34.0174, 46.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

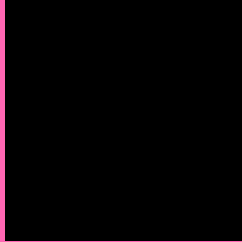
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1281, 34.0174, 46.3610

Background



This preview shows how black text looks on a background with the XYZ color 54.1281, 34.0174, 46.3610.



This preview shows how white text looks on a background with the XYZ color 54.1281, 34.0174,

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

54.1281, 34.0174, 46.3610

Protanopia

35.2676, 34.3975, 69.7463

Deuteranopia

34.8426, 34.2670, 43.3059



Tritanopia

49.0679, 33.9906, 22.3870

Trichromacy



Original Color

54.1281, 34.0174, 46.3610



Protanomaly

38.8751, 31.8652, 60.6016



Deuteranomaly

39.8571, 32.5261, 44.2219



Tritanomaly

50.6787, 33.8305, 29.8455

Monochromacy



Original Color

54.1281, 34.0174, 46.3610



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.7295, 31.9454, 39.7748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1281, 34.0174, 46.3610 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, 102, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 179)  
}
```

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, 102, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.1281, 34.0174, 46.3610 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, 102, 179) }
```


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

```
.border{ border-color:rgb(255, 102, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1281, 34.0174, 46.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 179) }
```

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

```
.background{ background-color: rgb(255,  
102, 179) }
```

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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