

# Converting Colors

XYZ(52.8765, 34.7529, 39.5187)

Have a look what the booklet for  
XYZ(52.8765, 34.7529, 39.5187)  
contains.

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# Color

**XYZ(52.8755, 34.7511,  
39.5181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD6EA5
RGB	253, 110, 165
RGB Percent	99%, 43%, 65%
CMY	0.0078, 0.5686, 0.3529
CMYK	0.00, 0.57, 0.35, 0.01
HSL	337°, 97%, 71%
HSV	337°, 57%, 99%
XYZ	52.8755, 34.7511, 39.5181
YIQ	159.0270, 67.5730, 47.4210

# Conversions

## Conversions Part 2

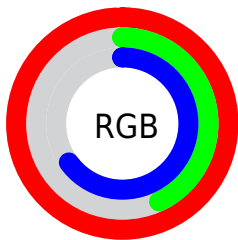
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 110, 165
Decimal	16608933
CIE <sub>Lab</sub>	65.55, 59.69, -2.05
CIE <sub>LCh</sub>	66, 59.729, 358.032
Yxy	34.7511, 0.4159, 0.2733
Android (android.graphics.Color)	4294799013 (0xFFFD6EA5)
YUV	159.0270, 2.9447, 82.4143
Hunter-Lab	58.9501, 56.9437, 1.5191

# Details

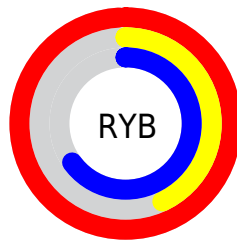
The XYZ color **52.8755, 34.7511, 39.5181** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.7506, 77.6438, 65.6898**, and the grayscale version is **32.9336, 34.6487, 37.7324**.

A 20% lighter version of the original color is **67.7945, 53.6997, 74.5021**, and **26.2009, 14.9857, 17.1344** is the 20% darker color. If you saturate the color by 10%, you get **49.1929, 29.5175, 31.7191**, and if you desaturate by 10%, it is **57.5116, 41.6153, 48.4868**.

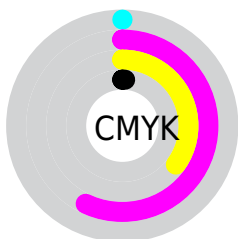
# Distribution



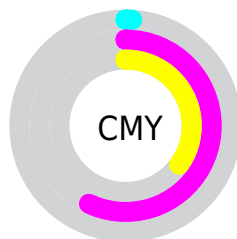
- Red (99%)
- Green (43%)
- Blue (65%)



- Red (99%)
- Yellow (43%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (35%)
- Black (1%)




- Cyan (1%)
- Magenta (57%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8755, 34.7511, 39.5181 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 52.8755, 34.7511, 39.5181 by changing the saturation by 10% instead.





 52.8755, 34.7511,  
39.5181


 52.8755, 34.7511,  
39.5181

388.0760,  
323.4683, 359.5797


 37.9305, 23.4712,  
26.8521


 93.5877, 67.1000,  
75.6582

 26.1057, 14.9418,  
17.2307


 120.0857, 88.9378,  
99.9693

 17.0358, 8.7786,  
10.2354


 151.1653,  
115.0637, 128.9993

 10.3555, 4.5970,  
5.4477

187.1919,  
145.8621, 163.1665

 5.6994, 2.0128,  
2.4490

228.5310,  
181.7173, 202.8897

 2.7021, 0.6149,  
0.8129

275.5478,

 0.9982, 0.0000,

223.0139, 248.5872

0.0000

328.6076,  
270.1361, 300.6777

■ 0.0000, 0.0000,  
0.0000

■ 52.8755, 34.7511,  
39.5181

■ 52.8755, 34.7511,  
39.5181

■ 49.1929, 29.5175,  
31.7191

■ 57.5116, 41.6153,  
48.4868

■ 46.3865, 25.7701,  
25.0326

■ 63.1644, 50.2276,  
58.6743

■ 44.3705, 23.3478,  
19.3983

■ 69.8948, 60.7006,  
70.1287

■ 43.0379, 22.0476,  
14.7458

■ 77.7580, 73.1362,  
82.8947

■ 42.6798, 21.7514,  
13.3318

■ 86.8051, 87.6286,  
97.0147

94.3181, 99.6227,  
108.8657

# Harmonies

## Analogous

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



49.4708, 34.7511, 69.5388



52.8755, 34.7511, 39.5181



50.2315, 34.7511, 19.3998

# Triad

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



52.8755, 34.7511, 39.5181



25.7323, 34.7511, 9.2402



24.8938, 34.7511, 95.2553

# Complementary

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



52.8755, 34.7511, 39.5181



51.7506, 77.6438, 65.6898

# 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.



20.2860, 34.7511, 65.3240



52.8755, 34.7511, 39.5181



20.7066, 34.7511, 17.6201

# Square

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



52.8755, 34.7511, 39.5181



33.6114, 34.7511, 7.2111



18.8989, 34.7511, 36.2063



32.4551, 34.7511, 109.3810



# Rectangle

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



52.8755, 34.7511, 39.5181



45.6164, 34.7511, 12.1176



18.8989, 34.7511, 36.2063



23.0019, 34.7511, 86.2044

# Sweetspot

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



52.8765, 34.7529, 39.5187



78.7444, 73.7915, 83.7261



46.0203, 29.9548, 96.2850



16.4923, 15.2188, 17.3412



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.



52.8765, 34.7529, 39.5187



49.5953, 29.3817, 31.1936



50.5692, 36.5011, 19.1342



18.2985, 18.1027, 20.1890



22.7698, 11.5972, 7.4381



2.2684, 1.1497, 0.9950



# Inverse Universe

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



52.8765, 34.7529, 39.5187



49.5953, 29.3817, 31.1936



54.9401, 71.9654, 103.9237



18.2985, 18.1027, 20.1890



22.7698, 11.5972, 7.4381



2.2684, 1.1497, 0.9950



# Previews

## White Background



This preview shows how the XYZ color 52.8755, 34.7511, 39.5181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

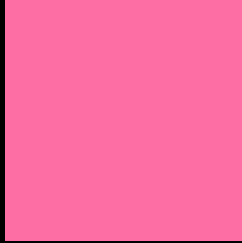
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.8755, 34.7511, 39.5181 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 52.8755, 34.7511, 39.5181

## Background



This preview shows how black text looks on a background with the XYZ color 52.8755, 34.7511, 39.5181.



This preview shows how white text looks on a background with the XYZ color 52.8755, 34.7511,



# 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

52.8755, 34.7511, 39.5181

### Protanopia

34.8397, 34.9732, 56.5440

### Deuteranopia

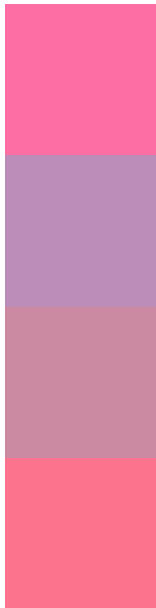
35.4064, 34.6938, 37.1782



## Tritanopia

49.6687, 34.7872, 23.8354

# Trichromacy



## Original Color

52.8755, 34.7511, 39.5181

## Protanomaly

38.9156, 33.2018, 49.7049

## Deuteranomaly

40.1501, 33.4467, 38.0579

## Tritanomaly

50.6480, 34.6641, 28.8323

# Monochromacy



## Original Color

52.8755, 34.7511, 39.5181

## Achromatopsia

32.9542, 34.6704, 37.7561

## Achromatomaly

37.9502, 32.9604, 38.0800

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.8755, 34.7511, 39.5181 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(253, 110, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 110, 165)  
}
```

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(253, 110, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 110, 165) }
```

## Border

The CSS property to change the border of an element to XYZ 52.8755, 34.7511, 39.5181 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(253, 110, 165) }
```



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

```
.border{ border-color:rgb(253, 110, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 110, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 110, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 110, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 110,  
165) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.8755, 34.7511, 39.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 110, 165) }
```

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

```
.background{ background-color: rgb(253,  
110, 165) }
```

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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