

Converting Colors

XYZ(53.4349, 34.7151, 53.5734)

Have a look what the booklet for
XYZ(53.4349, 34.7151, 53.5734)
contains.

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Color

**XYZ(53.4481, 34.7318,
53.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	F76EC0
RGB	247, 110, 192
RGB Percent	97%, 43%, 75%
CMY	0.0314, 0.5686, 0.2471
CMYK	0.00, 0.55, 0.22, 0.03
HSL	324°, 90%, 70%
HSV	324°, 55%, 97%
XYZ	53.4481, 34.7318, 53.7561
YIQ	160.3110, 55.3300, 54.5460

Conversions

Conversions Part 2

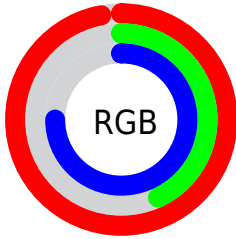
Format	Color
R _Y B	247, 110, 192
Decimal	16215744
CIE Lab	65.54, 61.24, -17.49
CIE LCh	66, 63.685, 344.064
Yxy	34.7318, 0.3766, 0.2447
Android (android.graphics.Color)	4294405824 (0xFFFF76EC0)
YUV	160.3110, 15.6227, 76.0263
Hunter-Lab	58.9337, 58.7511, -12.8275

Details

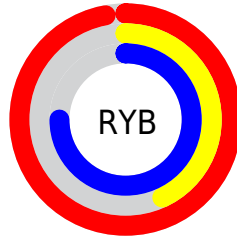
The XYZ color **53.4481, 34.7318, 53.7561** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.4844, 72.5541, 47.1551**, and the grayscale version is **33.4706, 35.2137, 38.3477**.

A 20% lighter version of the original color is **71.8195, 55.3097, 95.6975**, and **26.5545, 14.9823, 25.5371** is the 20% darker color. If you saturate the color by 10%, you get **50.0829, 29.7006, 47.3948**, and if you desaturate by 10%, it is **57.6320, 41.2810, 60.7563**.

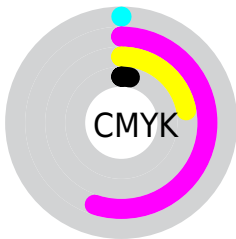
Distribution



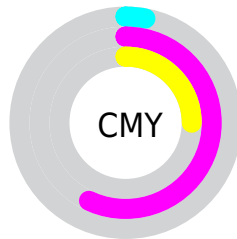
- Red (97%)
- Green (43%)
- Blue (75%)



- Red (97%)
- Yellow (43%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4481, 34.7318, 53.7561 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 53.4481, 34.7318, 53.7561 by changing the saturation by 10% instead.


 53.4481, 34.7318,
53.7561

 53.4481, 34.7318,
53.7561


390.2347,
323.3829, 418.3276


 38.3895, 23.4564,
38.0149


 94.4251, 67.0701,
97.1688

 26.4637, 14.9308,
25.6923


 121.0742, 88.9017,
125.6774

 17.3054, 8.7709,
16.3699


 152.3175,
115.0208, 159.2788

 10.5491, 4.5920,
9.6291

188.5204,
145.8118, 198.3916

 5.8296, 2.0099,
5.0514

230.0482,
181.6592, 243.4343

 2.7814, 0.6132,
2.2182

277.2663,

 1.0392, 0.0000,

222.9472, 294.8256

0.6848

330.5400,
270.0603, 352.9838

■ 0.0000, 0.0000,
0.0000

■ 53.4481, 34.7318,
53.7561

■ 53.4481, 34.7318,
53.7561

■ 50.0829, 29.7006,
47.3948

■ 57.6320, 41.2810,
60.7563

■ 47.4683, 26.0550,
41.6415

■ 62.6890, 49.4560,
68.4194

■ 45.5299, 23.6480,
36.4644

■ 68.6721, 59.3605,
76.7702

■ 44.1749, 22.2963,
31.8250

■ 75.6294, 71.0881,
85.8313

■ 43.6902, 21.9071,
29.8744

■ 83.6053, 84.7257,
95.6239

91.6094, 98.2908,
105.8242

92.1679, 98.5142,
108.7651

Harmonies

Analogous

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



47.1303, 34.7318, 88.0722



53.4481, 34.7318, 53.7561



53.6577, 34.7318, 26.6528

Triad

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



53.4481, 34.7318, 53.7561



28.8401, 34.7318, 6.6618



21.7228, 34.7318, 86.0016

Complementary

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



53.4481, 34.7318, 53.7561



46.4844, 72.5541, 47.1551

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.



18.4847, 34.7318, 51.7307



53.4481, 34.7318, 53.7561



22.0381, 34.7318, 11.6040

Square

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



53.4481, 34.7318, 53.7561



38.1879, 34.7318, 6.7994



18.5880, 34.7318, 25.3883



28.3254, 34.7318, 111.8870

Rectangle

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



53.4481, 34.7318, 53.7561



50.2208, 34.7318, 15.7171



18.5880, 34.7318, 25.3883



20.2654, 34.7318, 74.5248

Sweetspot

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



53.4492, 34.7335, 53.7568



80.0694, 74.3215, 90.7034



37.8418, 25.8473, 90.9905



16.8048, 15.3438, 18.9865



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.



53.4492, 34.7335, 53.7568



53.3283, 31.1865, 49.8907



47.5542, 32.3755, 22.7144



16.9155, 16.6491, 19.3018



23.1783, 11.6148, 16.1792



2.0879, 1.0411, 1.6891

Inverse Universe

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



53.4492, 34.7335, 53.7568



53.3283, 31.1865, 49.8907



54.4433, 75.7376, 89.0659



16.9155, 16.6491, 19.3018



23.1783, 11.6148, 16.1792



2.0879, 1.0411, 1.6891

Previews

White Background



This preview shows how the XYZ color 53.4481, 34.7318, 53.7561 looks on a white background.

Color Contrast Check

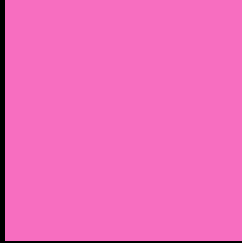
Large Text (above 18pt) WCAG AA × Fail

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 53.4481, 34.7318, 53.7561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

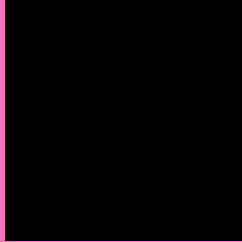
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4481, 34.7318, 53.7561

Background



This preview shows how black text looks on a background with the XYZ color 53.4481, 34.7318, 53.7561.



This preview shows how white text looks on a background with the XYZ color 53.4481, 34.7318,

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

53.4481, 34.7318, 53.7561

Protanopia

36.2657, 35.0082, 76.7974

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

47.5234, 34.5326, 25.9905

Trichromacy



Original Color

53.4481, 34.7318, 53.7561



Protanomaly

39.8758, 33.0762, 67.9010



Deuteranomaly

40.5579, 33.5654, 51.9181



Tritanomaly

49.2733, 34.3446, 34.6040

Monochromacy



Original Color

53.4481, 34.7318, 53.7561



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

38.8576, 33.5310, 43.4538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4481, 34.7318, 53.7561 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(247, 110, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 110, 192)  
}
```

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(247, 110, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 110, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.4481, 34.7318, 53.7561 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(247, 110, 192) }
```


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

```
.border{ border-color:rgb(247, 110, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 110, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 110, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 110, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 110,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4481, 34.7318, 53.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 110, 192) }
```

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

```
.background{ background-color: rgb(247,  
110, 192) }
```

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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