

Converting Colors

XYZ(53.4894, 34.5888, 40.4488)

Have a look what the booklet for
XYZ(53.4894, 34.5888, 40.4488)
contains.

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Color

**XYZ(53.4727, 34.5654,
40.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BA7
RGB	255, 107, 167
RGB Percent	100%, 42%, 65%
CMY	0.0000, 0.5804, 0.3451
CMYK	0.00, 0.58, 0.35, 0.00
HSL	336°, 100%, 71%
HSV	336°, 58%, 100%
XYZ	53.4727, 34.5654, 40.4127
YIQ	158.0920, 68.9480, 50.0360

Conversions

Conversions Part 2

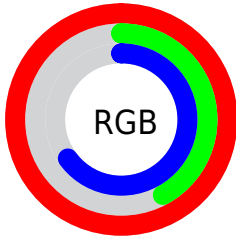
Format	Color
R _Y B	255, 107, 167
Decimal	16739239
CIE Lab	65.41, 61.86, -3.37
CIE LCh	65, 61.955, 356.881
Yxy	34.5654, 0.4163, 0.2691
Android (android.graphics.Color)	4294929319 (0xFFFF6BA7)
YUV	158.0920, 4.3916, 84.9883
Hunter-Lab	58.7923, 59.4624, 0.3999

Details

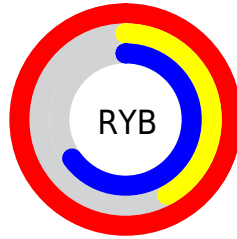
The XYZ color **53.4727, 34.5654, 40.4127** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.6756, 78.5868, 64.0795**, and the grayscale version is **32.5013, 34.1939, 37.2371**.

A 20% lighter version of the original color is **67.7003, 53.0848, 75.7854**, and **26.3996, 14.8210, 17.6890** is the 20% darker color. If you saturate the color by 10%, you get **49.8745, 29.4824, 32.6982**, and if you desaturate by 10%, it is **58.0208, 41.2849, 49.2554**.

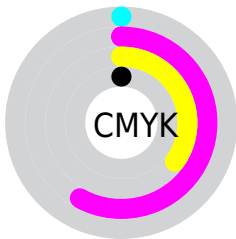
Distribution



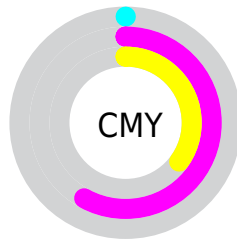
- Red (100%)
- Green (42%)
- Blue (65%)



- Red (100%)
- Yellow (42%)
- Blue (65%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4727, 34.5654, 40.4127 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 53.4727, 34.5654, 40.4127 by changing the saturation by 10% instead.


 53.4727, 34.5654,
40.4127


 53.4727, 34.5654,
40.4127


390.3273,
322.6459, 363.4637


 38.4092, 23.3283,
27.5442

 94.4610, 66.8120,
77.0355


 26.4791, 14.8361,
17.7463


 121.1166, 88.5902,
101.6269

 17.3170, 8.7044,
10.6005


 152.3669,
114.6509, 130.9631

 10.5574, 4.5489,
5.6881

 188.5774,
145.3785, 165.4625

 5.8352, 1.9851,
2.5907

230.1133,
181.1575, 205.5437

 2.7848, 0.5988,
0.8876

277.3400,

 1.0410, 0.0000,

222.3720, 251.6253

0.0000

330.6229,
269.4067, 304.1258

■ 0.0000, 0.0000,
0.0000

■ 53.4727, 34.5654,
40.4127

■ 53.4727, 34.5654,
40.4127

■ 49.8745, 29.4824,
32.6982

■ 58.0208, 41.2849,
49.2554

■ 47.1466, 25.8860,
26.0564

■ 63.5838, 49.7628,
59.2736

■ 45.1999, 23.6076,
20.4286

■ 70.2240, 60.1153,
70.5137

■ 43.9141, 22.4166,
15.7434

■ 77.9979, 72.4472,
83.0188

■ 43.7068, 22.2467,
14.9202

■ 86.9575, 86.8555,
96.8294

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.



49.6895, 34.5654, 71.9604



53.4727, 34.5654, 40.4127



50.9474, 34.5654, 19.3001

Triad

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



53.4727, 34.5654, 40.4127



25.5967, 34.5654, 8.3880



24.2332, 34.5654, 96.7094

Complementary

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



53.4727, 34.5654, 40.4127



51.6756, 78.5868, 64.0795

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.



19.6480, 34.5654, 64.9660



53.4727, 34.5654, 40.4127



20.3277, 34.5654, 16.4452

Square

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



53.4727, 34.5654, 40.4127



33.8092, 34.5654, 6.5831



18.3607, 34.5654, 34.9892



31.9158, 34.5654, 112.5546

Rectangle

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



53.4727, 34.5654, 40.4127



46.2408, 34.5654, 11.7197



18.3607, 34.5654, 34.9892



22.3368, 34.5654, 86.9938

Sweetspot

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



53.4737, 34.5672, 40.4133



78.8701, 73.8418, 84.3881



45.3869, 29.1189, 97.8360



16.5219, 15.2306, 17.4968



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.



53.4737, 34.5672, 40.4133



49.2726, 28.6635, 31.3107



50.5318, 35.5967, 18.1198



18.3145, 18.1091, 20.2735



22.9071, 11.6521, 8.1611



2.2828, 1.1555, 1.0708

Inverse Universe

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



53.4737, 34.5672, 40.4133



49.2726, 28.6635, 31.3107



56.0655, 74.2485, 105.9841



18.3145, 18.1091, 20.2735



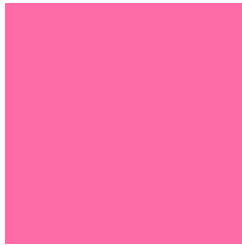
22.9071, 11.6521, 8.1611



2.2828, 1.1555, 1.0708

Previews

White Background



This preview shows how the XYZ color 53.4727, 34.5654, 40.4127 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 53.4727, 34.5654, 40.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

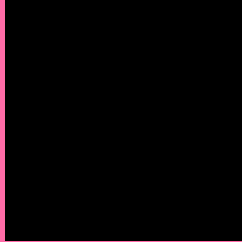
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4727, 34.5654, 40.4127

Background



This preview shows how black text looks on a background with the XYZ color 53.4727, 34.5654, 40.4127.



This preview shows how white text looks on a background with the XYZ color 53.4727, 34.5654,

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

53.4727, 34.5654, 40.4127

Protanopia

34.9301, 34.9668, 58.9411

Deuteranopia

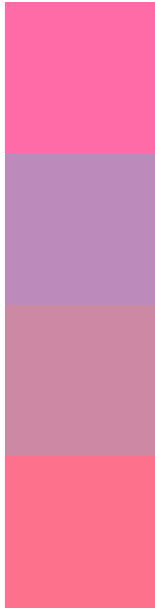
35.3563, 34.6479, 38.0819



Tritanopia

50.0284, 34.6415, 23.1185

Trichromacy



Original Color

53.4727, 34.5654, 40.4127

Protanomaly

38.9413, 32.7445, 51.2816

Deuteranomaly

40.1851, 33.2322, 38.9468

Tritanomaly

51.1468, 34.5864, 28.7910

Monochromacy



Original Color

53.4727, 34.5654, 40.4127

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.6580, 32.3759, 37.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4727, 34.5654, 40.4127 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, 107, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 167)  
}
```

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, 107, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.4727, 34.5654, 40.4127 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, 107, 167) }
```


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

```
.border{ border-color:rgb(255, 107, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4727, 34.5654, 40.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 167) }
```

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

```
.background{ background-color: rgb(255,  
107, 167) }
```

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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