

Converting Colors

XYZ(53.9272, 34.5962, 39.5612)

Have a look what the booklet for
XYZ(53.9272, 34.5962, 39.5612)
contains.

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Color

**XYZ(53.1856, 34.2847,
39.4117)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF6AA5 |
| RGB | 255, 106, 165 |
| RGB Percent | 100%, 42%, 65% |
| CMY | 0.0000, 0.5843, 0.3529 |
| CMYK | 0.00, 0.58, 0.35, 0.00 |
| HSL | 336°, 100%, 71% |
| HSV | 336°, 58%, 100% |
| XYZ | 53.1856, 34.2847, 39.4117 |
| YIQ | 157.2770, 69.8650, 49.9370 |

Conversions

Conversions Part 2

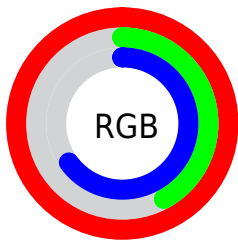
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 106, 165 |
| Decimal | 16738981 |
| CIE Lab | 65.19, 62.08, -2.55 |
| CIE LCh | 65, 62.128, 357.643 |
| Yxy | 34.2847, 0.4192, 0.2702 |
| Android (android.graphics.Color) | 4294929061 (0xFFFF6AA5) |
| YUV | 157.2770, 3.8074, 85.7031 |
| Hunter-Lab | 58.5531, 59.6690, 1.0795 |

Details

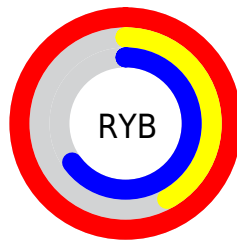
The XYZ color **53.1856, 34.2847, 39.4117** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.6696, 78.5706, 64.6716**, and the grayscale version is **32.1352, 33.8087, 36.8177**.

A 20% lighter version of the original color is **67.2555, 52.6217, 74.3224**, and **26.2058, 14.6156, 17.0627** is the 20% darker color. If you saturate the color by 10%, you get **49.6187, 29.2611, 31.7171**, and if you desaturate by 10%, it is **57.7042, 40.9413, 48.2573**.

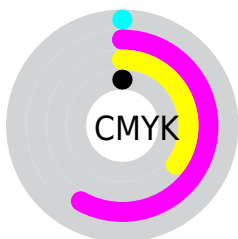
Distribution



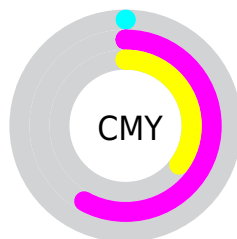
- Red (100%)
- Green (42%)
- Blue (65%)



- 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 53.1856, 34.2847, 39.4117 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 53.1856, 34.2847, 39.4117 by changing the saturation by 10% instead.


 53.1856, 34.2847,
39.4117

 53.1856, 34.2847,
39.4117


389.2460,
321.3997, 359.1158


 38.1790, 23.1124,
26.7699


 94.0413, 66.3762,
75.4941


 26.2995, 14.6765,
17.1696


 120.6212, 88.0641,
99.7717

 17.1817, 8.5927,
10.1922


 151.7896,
114.0260, 128.7651

 10.4602, 4.4765,
5.4193

 187.9118,
144.6464, 162.8926

 5.7697, 1.9435,
2.4323

229.3532,
180.3095, 202.5729

 2.7449, 0.5743,
0.8040

276.4791,

 1.0203, 0.0000,

221.3999, 248.2245

0.0000

329.6549,
268.3018, 300.2660

■ 0.0000, 0.0000,
0.0000

■ 53.1856, 34.2847,
39.4117

■ 53.1856, 34.2847,
39.4117

■ 49.6187, 29.2611,
31.7171

■ 57.7042, 40.9413,
48.2573

■ 46.9232, 25.7198,
25.1165

■ 63.2403, 49.3536,
58.3028

■ 45.0091, 23.4907,
19.5487

■ 69.8566, 59.6383,
69.5963

■ 43.7512, 22.3341,
14.9390

■ 77.6099, 71.9007,
82.1821

■ 43.5873, 22.1989,
14.2906

■ 86.5528, 86.2380,
96.1023

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.



49.5562, 34.2847, 70.7514



53.1856, 34.2847, 39.4117



50.5060, 34.2847, 18.6915

Triad

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



53.1856, 34.2847, 39.4117



25.1792, 34.2847, 8.3416



24.1526, 34.2847, 97.0278

Complementary

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



53.1856, 34.2847, 39.4117



51.6696, 78.5706, 64.6716

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.



19.5031, 34.2847, 65.4668



53.1856, 34.2847, 39.4117



20.0144, 34.2847, 16.5469

Square

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



53.1856, 34.2847, 39.4117



33.3055, 34.2847, 6.4349



18.1397, 34.2847, 35.3233



31.8781, 34.2847, 112.2733

Rectangle

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



53.1856, 34.2847, 39.4117



45.7344, 34.2847, 11.3294



18.1397, 34.2847, 35.3233



22.2361, 34.2847, 87.4249

Sweetspot

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



53.1865, 34.2865, 39.4123



77.9680, 72.4712, 82.7503



45.8150, 29.1857, 97.8264



16.1765, 14.6976, 16.8955



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.



53.1865, 34.2865, 39.4123



49.1393, 28.6102, 30.6085



50.6681, 35.9531, 17.9071



18.3073, 18.1062, 20.2351



22.8437, 11.6268, 7.8275



2.2762, 1.1529, 1.0360

Inverse Universe

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



53.1865, 34.2865, 39.4123



49.1393, 28.6102, 30.6085



55.1847, 72.6643, 105.7248



18.3073, 18.1062, 20.2351



22.8437, 11.6268, 7.8275



2.2762, 1.1529, 1.0360

Previews

White Background



This preview shows how the XYZ color 53.1856, 34.2847, 39.4117 looks on a white background.

Color Contrast Check

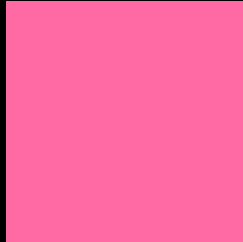
Large Text (above 18pt) WCAG AA × Fail

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 53.1856, 34.2847, 39.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

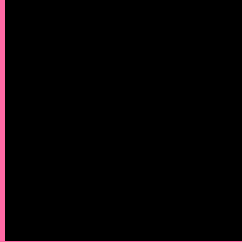
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1856, 34.2847, 39.4117

Background



This preview shows how black text looks on a background with the XYZ color 53.1856, 34.2847, 39.4117.



This preview shows how white text looks on a background with the XYZ color 53.1856, 34.2847,

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

53.1856, 34.2847, 39.4117

Protanopia

34.5294, 34.5347, 57.6693

Deuteranopia

35.0183, 34.2498, 37.1130



Tritanopia

49.8508, 34.3870, 22.7488

Trichromacy



Original Color

53.1856, 34.2847, 39.4117



Protanomaly

38.5845, 32.3711, 50.1136



Deuteranomaly

39.8658, 32.8780, 37.9632



Tritanomaly

50.8896, 34.3060, 27.9843

Monochromacy



Original Color

53.1856, 34.2847, 39.4117



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.4260, 32.0525, 37.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1856, 34.2847, 39.4117 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, 106, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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(255, 106, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 165) }
```

Border

The CSS property to change the border of an element to XYZ 53.1856, 34.2847, 39.4117 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, 106, 165) }
```


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

```
.border{ border-color:rgb(255, 106, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1856, 34.2847, 39.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 165) }
```

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

```
.background{ background-color: rgb(255,  
106, 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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