

Converting Colors

XYZ(53.2660, 34.9316, 37.9399)

Have a look what the booklet for
XYZ(53.2660, 34.9316, 37.9399)
contains.

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Color

**XYZ(53.3375, 35.0205,
38.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EA2
RGB	255, 110, 162
RGB Percent	100%, 43%, 64%
CMY	0.0000, 0.5686, 0.3647
CMYK	0.00, 0.57, 0.36, 0.00
HSL	338°, 100%, 72%
HSV	338°, 57%, 100%
XYZ	53.3375, 35.0205, 38.1309
YIQ	159.2830, 69.7280, 46.9120

Conversions

Conversions Part 2

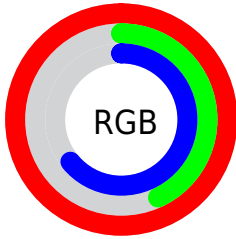
Format	Color
RYB	255, 110, 162
Decimal	16740002
CIELab	65.76, 59.98, 0.00
CIElCh	66, 59.982, 0.001
Yxy	35.0205, 0.4217, 0.2769
Android (android.graphics.Color)	4294930082 (0xFFFF6EA2)
YUV	159.2830, 1.3395, 83.9438
Hunter-Lab	59.1781, 57.3211, 3.2217

Details

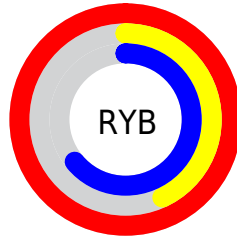
The XYZ color **53.3375, 35.0205, 38.1309** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.9718, 79.1476, 68.9897**, and the grayscale version is **33.0572, 34.7787, 37.8740**.

A 20% lighter version of the original color is **67.4006, 53.5422, 72.4279**, and **26.3454, 15.0730, 16.5598** is the 20% darker color. If you saturate the color by 10%, you get **49.6106, 29.7441, 30.1759**, and if you desaturate by 10%, it is **58.0468, 41.9588, 47.3470**.

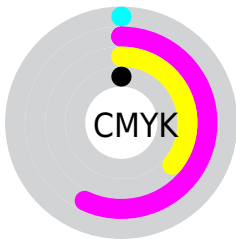
Distribution



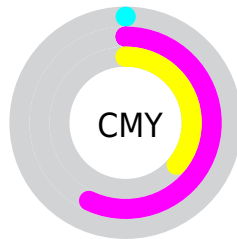
- Red (100%)
- Green (43%)
- Blue (64%)



- Red (100%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (57%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3375, 35.0205, 38.1309 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 53.3375, 35.0205, 38.1309 by changing the saturation by 10% instead.


 53.3375, 35.0205,
38.1309


 53.3375, 35.0205,
38.1309


389.8183,
324.6588, 353.4962


 38.3008, 23.6787,
25.7817


 94.2634, 67.5175,
73.5144

 26.3945, 15.0954,
16.4361


 120.8834, 89.4415,
97.3857

 17.2532, 8.8864,
9.6756


 152.0951,
115.6617, 125.9348

 10.5116, 4.6671,
5.0816

188.2640,
146.5624, 159.5803

 5.8043, 2.0533,
2.2356

229.7554,
182.5281, 198.7406

 2.7660, 0.6382,
0.6948

276.9347,

 1.0313, 0.0000,

223.9431, 243.8343

0.0000

330.1672,
271.1919, 295.2800

■ 0.0000, 0.0000,
0.0000

■ 53.3375, 35.0205,
38.1309

■ 53.3375, 35.0205,
38.1309

■ 49.6106, 29.7441,
30.1759

■ 58.0468, 41.9588,
47.3470

■ 46.7860, 25.9815,
23.4187

■ 63.8042, 50.6798,
57.8790

■ 44.7749, 23.5669,
17.7920

■ 70.6727, 61.2990,
69.7802

■ 43.4649, 22.2890,
13.2175

■ 78.7094, 73.9207,
83.1004

■ 43.1473, 22.0229,
11.9741

■ 87.9674, 88.6415,
97.8866

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.



50.2801, 35.0205, 68.0115



53.3375, 35.0205, 38.1309



50.2799, 35.0205, 18.6050

Triad

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



53.3375, 35.0205, 38.1309



25.4909, 35.0205, 9.6040



25.4911, 35.0205, 97.7231

Complementary

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



53.3375, 35.0205, 38.1309



52.9718, 79.1476, 68.9897

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.



20.6306, 35.0205, 68.0127



53.3375, 35.0205, 38.1309



20.6305, 35.0205, 18.6055

Square

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



53.3375, 35.0205, 38.1309



33.2858, 35.0205, 7.2309



19.0192, 35.0205, 38.1318



33.2861, 35.0205, 110.4503

Rectangle

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



53.3375, 35.0205, 38.1309



45.4486, 35.0205, 11.6783



19.0192, 35.0205, 38.1318



23.5133, 35.0205, 88.8903

Sweetspot

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



53.3385, 35.0223, 38.1315



78.5881, 73.7290, 82.9032



47.9397, 30.9074, 98.0467



16.4556, 15.2041, 17.1479



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.



53.3385, 35.0223, 38.1315



49.2444, 29.2413, 29.3459



51.9501, 38.1764, 19.3850



18.2785, 18.0947, 20.0836



22.6100, 11.5333, 6.5966



2.2514, 1.1429, 0.9052

Inverse Universe

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



53.3385, 35.0223, 38.1315



49.2444, 29.2413, 29.3459



54.3813, 70.3353, 105.3175



18.2785, 18.0947, 20.0836



22.6100, 11.5333, 6.5966



2.2514, 1.1429, 0.9052

Previews

White Background



This preview shows how the XYZ color 53.3375, 35.0205, 38.1309 looks on a white background.

Color Contrast Check

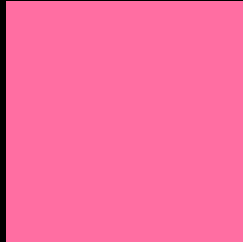
Large Text (above 18pt) WCAG AA × Fail

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 53.3375, 35.0205, 38.1309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

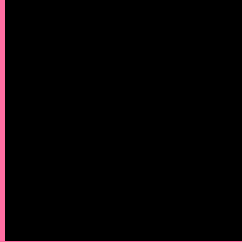
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3375, 35.0205, 38.1309

Background



This preview shows how black text looks on a background with the XYZ color 53.3375, 35.0205, 38.1309.



This preview shows how white text looks on a background with the XYZ color 53.3375, 35.0205,

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

53.3375, 35.0205, 38.1309

Protanopia

35.0494, 35.3743, 54.8498

Deuteranopia

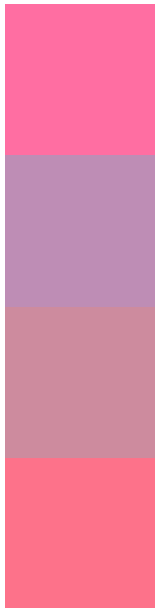
35.7692, 35.1564, 35.9110



Tritanopia

50.2078, 34.8987, 23.4919

Trichromacy



Original Color

53.3375, 35.0205, 38.1309

Protanomaly

39.1006, 33.3331, 48.0892

Deuteranomaly

40.5810, 33.9130, 36.7548

Tritanomaly

51.1128, 34.7523, 28.0587

Monochromacy



Original Color

53.3375, 35.0205, 38.1309

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

38.1182, 33.0572, 37.6293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3375, 35.0205, 38.1309 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, 110, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 162)  
}
```

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, 110, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.3375, 35.0205, 38.1309 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, 110, 162) }
```


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

```
.border{ border-color:rgb(255, 110, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 110, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 110, 162); box-shadow:4px 4px 4px 4px rgb(255, 110, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3375, 35.0205, 38.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 162) }
```

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

```
.background{ background-color: rgb(255,  
110, 162) }
```

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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