

Converting Colors

XYZ(55.2034, 41.0739, 35.1555)

Have a look what the booklet for
XYZ(55.2034, 41.0739, 35.1555)
contains.

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Color

**XYZ(55.2034, 41.0739,
35.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8999
RGB	253, 137, 153
RGB Percent	99%, 54%, 60%
CMY	0.0078, 0.4627, 0.4000
CMYK	0.00, 0.46, 0.40, 0.01
HSL	352°, 97%, 76%
HSV	352°, 46%, 99%
XYZ	55.2034, 41.0739, 35.1555
YIQ	173.5080, 64.0000, 29.5680

Conversions

Conversions Part 2

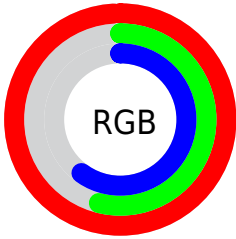
Format	Color
RYB	253, 137, 153
Decimal	16615833
CIELab	70.23, 45.50, 11.46
CIElCh	70, 46.920, 14.140
Yxy	41.0739, 0.4200, 0.3125
Android (android.graphics.Color)	4294805913 (0xFFFD8999)
YUV	173.5080, -10.1104, 69.7145
Hunter-Lab	64.0889, 41.5965, 12.3392

Details

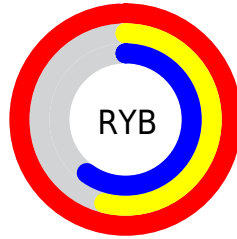
The XYZ color **55.2034, 41.0739, 35.1555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7299, 81.6842, 92.6914**, and the grayscale version is **40.0083, 42.0918, 45.8380**.

A 20% lighter version of the original color is **71.3521, 63.4643, 67.5206**, and **27.5609, 18.6374, 14.7151** is the 20% darker color. If you saturate the color by 10%, you get **50.3794, 34.0503, 25.4572**, and if you desaturate by 10%, it is **61.2019, 49.9195, 46.8707**.

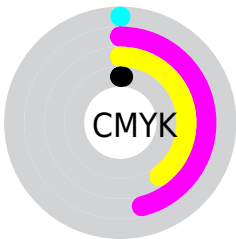
Distribution



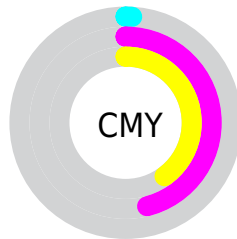
- Red (99%)
- Green (54%)
- Blue (60%)



- Red (99%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (40%)
- Black (1%)





- Cyan (1%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2034, 41.0739, 35.1555 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 55.2034, 41.0739, 35.1555 by changing the saturation by 10% instead.


 55.2034, 41.0739,
35.1555


 55.2034, 41.0739,
35.1555


396.8064,
350.6294, 340.1793


 39.7991, 28.3768,
23.4982

 96.9855, 76.7961,
68.8809

 27.5654, 18.6099,
14.7530


 124.0940,
100.5900, 91.7860

 18.1371, 11.3888,
8.5016


 155.8345,
128.8516, 119.2775

 11.1488, 6.3290,
4.3252

192.5726,
161.9653, 151.7739

 6.2350, 3.0461,
1.8054

234.6734,
200.3156, 189.6938

 3.0305, 1.1559,
0.4315

282.5024,

 1.1699, 0.0252,

244.2867, 233.4556

0.0000

336.4250,
294.2632, 283.4779

■ 0.0824, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2034, 41.0739,
35.1555

■ 55.2034, 41.0739,
35.1555

■ 50.3794, 34.0503,
25.4572

■ 61.2019, 49.9195,
46.8707

■ 46.6490, 28.7157,
17.6589

■ 68.4424, 60.6955,
60.7058

■ 43.9259, 24.9290,
11.6353

■ 76.9908, 73.5093,
76.7597

■ 42.1091, 22.5232,
7.2445

■ 86.9078, 88.4584,
95.1242

■ 41.0756, 21.2922,
4.3222

94.3179, 99.6226,
108.8657

■ 40.8096, 21.0033,
3.4843

Harmonies

Analogous

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



55.0588, 41.0739, 57.3214



55.2034, 41.0739, 35.1555



50.6402, 41.0739, 21.2404

Triad

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



55.2034, 41.0739, 35.1555



29.6217, 41.0739, 20.6978



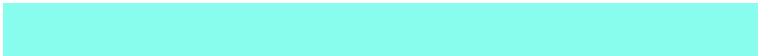
35.1367, 41.0739, 99.0709

Complementary

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



55.2034, 41.0739, 35.1555



60.7299, 81.6842, 92.6914

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.



29.3613, 41.0739, 81.1670



55.2034, 41.0739, 35.1555



26.4744, 41.0739, 34.1198

Square

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



55.2034, 41.0739, 35.1555



35.5379, 41.0739, 14.9462



26.3858, 41.0739, 55.8845



42.7639, 41.0739, 99.6312

Rectangle

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



55.2034, 41.0739, 35.1555



45.8501, 41.0739, 16.4161



26.3858, 41.0739, 55.8845



32.9392, 41.0739, 94.6714

Sweetspot

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



55.2045, 41.0760, 35.1563



80.1346, 77.4736, 81.4097



61.1360, 42.7499, 97.9576



16.7134, 15.9227, 16.6079



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.



55.2045, 41.0760, 35.1563



51.6515, 35.1882, 26.6562



60.8657, 54.3727, 30.9567



18.1113, 18.0279, 19.2035



21.7394, 11.1851, 2.0123



2.1463, 1.1009, 0.3518

Inverse Universe

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



55.2045, 41.0760, 35.1563



51.6515, 35.1882, 26.6562



51.6915, 59.6993, 101.7269



18.1113, 18.0279, 19.2035



21.7394, 11.1851, 2.0123



2.1463, 1.1009, 0.3518

Previews

White Background



This preview shows how the XYZ color 55.2034, 41.0739, 35.1555 looks on a white background.

Color Contrast Check

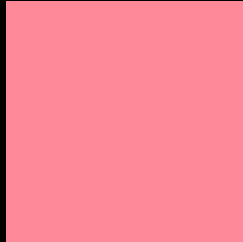
Large Text (above 18pt) WCAG AA × Fail

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 55.2034, 41.0739, 35.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

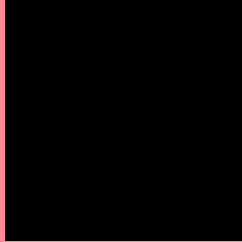
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2034, 41.0739, 35.1555

Background



This preview shows how black text looks on a background with the XYZ color 55.2034, 41.0739, 35.1555.



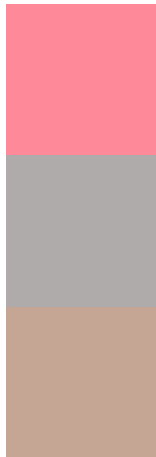
This preview shows how white text looks on a background with the XYZ color 55.2034, 41.0739,

35.1555.

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

55.2034, 41.0739, 35.1555

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

42.0075, 41.2809, 33.7709



Tritanopia

54.9418, 41.1977, 33.0732

Trichromacy



Original Color

55.2034, 41.0739, 35.1555



Protanomaly

43.7276, 40.1731, 40.5715



Deuteranomaly

45.8416, 40.3964, 34.2353



Tritanomaly

55.1015, 41.2616, 33.9143

Monochromacy



Original Color

55.2034, 41.0739, 35.1555



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.2564, 40.9394, 41.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2034, 41.0739, 35.1555 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, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(253, 137, 153)  
}
```

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, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 137, 153) }
```

Border

The CSS property to change the border of an element to XYZ 55.2034, 41.0739, 35.1555 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, 137, 153) }
```


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

```
.border{ border-color:rgb(253, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(253, 137,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2034, 41.0739, 35.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 137, 153) }
```

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

```
.background{ background-color: rgb(253,  
137, 153) }
```

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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