

Converting Colors

XYZ(103.0178, 66.3289,
37.6415)

Have a look what the booklet for
XYZ(103.0178, 66.3289, 37.6415)
contains.

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Color

**XYZ(56.3679, 42.3161,
35.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C99
RGB	255, 140, 153
RGB Percent	100%, 55%, 60%
CMY	0.0000, 0.4510, 0.4000
CMYK	0.00, 0.45, 0.40, 0.00
HSL	353°, 100%, 77%
HSV	353°, 45%, 100%
XYZ	56.3679, 42.3161, 35.3339
YIQ	175.8670, 64.3670, 28.4230

Conversions

Conversions Part 2

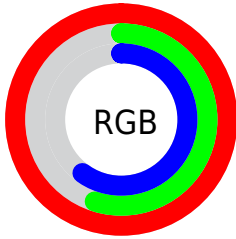
Format	Color
R_{YB}	255, 140, 153
Decimal	16747673
CIE _{Lab}	71.09, 44.70, 12.71
CIE _{LCh}	71, 46.475, 15.877
Yxy	42.3161, 0.4206, 0.3157
Android (android.graphics.Color)	4294937753 (0xFFFF8C99)
YUV	175.8670, -11.2734, 69.3996
Hunter-Lab	65.0508, 40.8350, 13.3308

Details

The XYZ color **56.3679, 42.3161, 35.3339** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6044, 83.5073, 96.8283**, and the grayscale version is **41.2321, 43.3794, 47.2402**.

A 20% lighter version of the original color is **72.0176, 64.7952, 67.7425**, and **28.3121, 19.3778, 14.8184** is the 20% darker color. If you saturate the color by 10%, you get **51.3697, 35.0314, 25.3082**, and if you desaturate by 10%, it is **62.5857, 51.4732, 47.5139**.

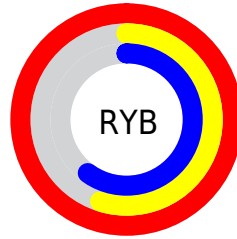
Distribution



Red (100%)

Green (55%)

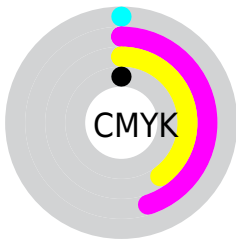
Blue (60%)



Red (100%)

Yellow (55%)

Blue (60%)

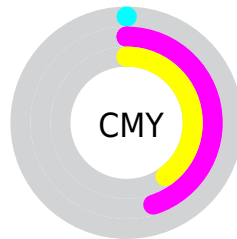


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3679, 42.3161, 35.3339 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 56.3679, 42.3161, 35.3339 by changing the saturation by 10% instead.


 56.3679, 42.3161,
35.3339

 56.3679, 42.3161,
35.3339


401.1291,
355.7916, 340.9886


 40.7361, 29.3489,
23.6346


 98.6790, 78.6778,
69.1601

 28.2997, 19.3449,
14.8531


 126.0890,
102.8411, 92.1241

 18.6933, 11.9198,
8.5709


 158.1558,
131.5052, 119.6801

 11.5516, 6.6891,
4.3694

195.2447,
165.0545, 152.2466

 6.5091, 3.2684,
1.8301

237.7212,
203.8734, 190.2422

 3.2006, 1.2734,
0.4477

285.9505,

 1.2607, 0.1205,

248.3463, 234.0854

0.0000

340.2980,
298.8576, 284.1946

■ 0.1535, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3679, 42.3161,
35.3339

■ 56.3679, 42.3161,
35.3339

■ 51.3697, 35.0314,
25.3082

■ 62.5857, 51.4732,
47.5139

■ 47.5072, 29.4837,
17.3085

■ 70.0929, 62.6130,
61.9615

■ 44.6912, 25.5297,
11.1968

■ 78.9581, 75.8449,
78.7846

■ 42.8174, 23.0003,
6.8163

■ 89.2439, 91.2684,
98.0838

■ 41.7591, 21.6880, 95.0500, 100.0000,
3.9845 108.9000

■ 41.4595, 21.3478,
3.0858

Harmonies

Analogous

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



56.5162, 42.3161, 57.3226



56.3679, 42.3161, 35.3339



51.5427, 42.3161, 21.6817

Triad

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



56.3679, 42.3161, 35.3339



30.4214, 42.3161, 22.2468



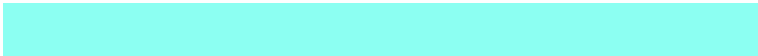
36.6841, 42.3161, 101.2646

Complementary

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



56.3679, 42.3161, 35.3339



62.6044, 83.5073, 96.8283

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.



30.6906, 42.3161, 84.1157



56.3679, 42.3161, 35.3339



27.4029, 42.3161, 36.4043

Square

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



56.3679, 42.3161, 35.3339



36.2703, 42.3161, 15.9594



27.4946, 42.3161, 58.7983



44.4469, 42.3161, 100.6927

Rectangle

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



56.3679, 42.3161, 35.3339



46.6397, 42.3161, 17.0198



27.4946, 42.3161, 58.7983



34.4185, 42.3161, 97.1906

Sweetspot

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



56.3690, 42.3182, 35.3347



80.0142, 77.4255, 80.7757



63.9045, 44.7820, 99.8834



16.6845, 15.9111, 16.4558



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.



56.3690, 42.3182, 35.3347



51.8602, 35.7422, 26.3051



63.1329, 57.4711, 32.5793



18.0928, 18.0204, 19.1059



21.6899, 11.1652, 1.7514



2.1376, 1.0974, 0.3060

Inverse Universe

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



56.3690, 42.3182, 35.3347



51.8602, 35.7422, 26.3051



52.1407, 59.3446, 103.3143



18.0928, 18.0204, 19.1059



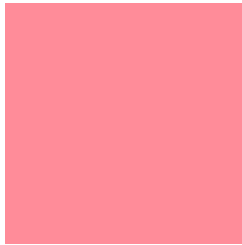
21.6899, 11.1652, 1.7514



2.1376, 1.0974, 0.3060

Previews

White Background



This preview shows how the XYZ color 56.3679, 42.3161, 35.3339 looks on a white background.

Color Contrast Check

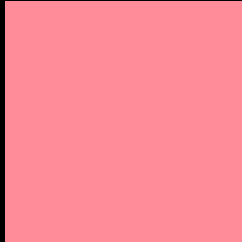
Large Text (above 18pt) WCAG AA × Fail

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 56.3679, 42.3161, 35.3339 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 56.3679, 42.3161, 35.3339

Background



This preview shows how black text looks on a background with the XYZ color 56.3679, 42.3161, 35.3339.



This preview shows how white text looks on a background with the XYZ color 56.3679, 42.3161,

35.3339.

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

56.3679, 42.3161, 35.3339

Protanopia

40.8468, 42.6774, 44.6128

Deuteranopia

43.4353, 42.5609, 33.9428



Tritanopia

56.2040, 42.2505, 34.4710

Trichromacy



Original Color

56.3679, 42.3161, 35.3339



Protanomaly

45.0748, 41.6428, 40.7841



Deuteranomaly

47.5507, 42.0279, 34.4602



Tritanomaly

56.2856, 42.2832, 34.9007

Monochromacy



Original Color

56.3679, 42.3161, 35.3339



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.3419, 42.0007, 42.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3679, 42.3161, 35.3339 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, 140, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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(255, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 153) }
```

Border

The CSS property to change the border of an element to XYZ 56.3679, 42.3161, 35.3339 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, 140, 153) }
```


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

```
.border{ border-color:rgb(255, 140, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3679, 42.3161, 35.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 153) }
```

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

```
.background{ background-color: rgb(255,  
140, 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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