

Converting Colors

XYZ(84.5155, 56.1975, 37.6061)

Have a look what the booklet for
XYZ(84.5155, 56.1975, 37.6061)
contains.

XYZ(56.1021, 41.5179, 36.0672)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.1021, 41.5179,
36.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	FF899B
RGB	255, 137, 155
RGB Percent	100%, 54%, 61%
CMY	0.0000, 0.4627, 0.3922
CMYK	0.00, 0.46, 0.39, 0.00
HSL	351°, 100%, 77%
HSV	351°, 46%, 100%
XYZ	56.1021, 41.5179, 36.0672
YIQ	174.3340, 64.5500, 30.6140

Conversions

Conversions Part 2

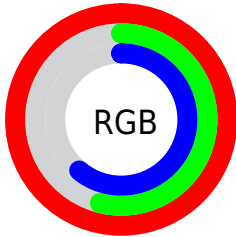
Format	Color
R_{YB}	255, 137, 155
Decimal	16746907
CIE Lab	70.54, 46.42, 10.82
CIE LCh	71, 47.660, 13.122
Yxy	41.5179, 0.4197, 0.3106
Android (android.graphics.Color)	4294936987 (0xFFFF899B)
YUV	174.3340, -9.5317, 70.7441
Hunter-Lab	64.4344, 42.6572, 11.9164

Details

The XYZ color **56.1021, 41.5179, 36.0672** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.3647, 82.9538, 92.9030**, and the grayscale version is **40.4293, 42.5348, 46.3204**.

A 20% lighter version of the original color is **71.5983, 63.5627, 68.8168**, and **28.1747, 18.9422, 15.2679** is the 20% darker color. If you saturate the color by 10%, you get **51.2406, 34.4442, 26.2794**, and if you desaturate by 10%, it is **62.1471, 50.4386, 47.8528**.

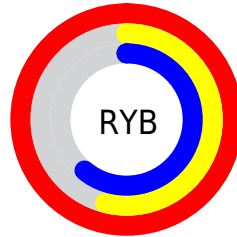
Distribution



Red (100%)

Green (54%)

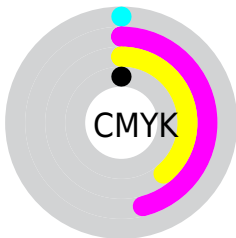
Blue (61%)



Red (100%)

Yellow (54%)

Blue (61%)

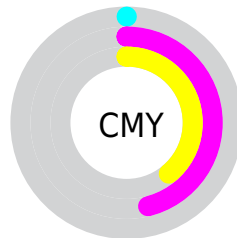


Cyan (0%)

Magenta (46%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1021, 41.5179, 36.0672 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 56.1021, 41.5179, 36.0672 by changing the saturation by 10% instead.


 56.1021, 41.5179,
36.0672


 56.1021, 41.5179,
36.0672


400.1449,
352.4805, 344.3005


 40.5221, 28.7240,
24.1960

 98.2928, 77.4695,
70.3060

 28.1319, 18.8721,
15.2655


 125.6342,
101.3959, 93.5107

 18.5661, 11.5779,
8.8573


 157.6268,
129.8020, 121.3302

 11.4593, 6.4570,
4.5527

194.6359,
163.0721, 154.1832

 6.4462, 3.1249,
1.9332

237.0269,
201.5906, 192.4882

 3.1615, 1.1973,
0.5137

285.1652,

 1.2397, 0.0595,

245.7419, 236.6637

0.0000

339.4161,
295.9104, 287.1283

■ 0.1374, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1021, 41.5179,
36.0672

■ 56.1021, 41.5179,
36.0672

■ 51.2406, 34.4442,
26.2794

■ 62.1471, 50.4386,
47.8528

■ 47.4807, 29.0817,
18.3754

■ 69.4436, 61.3171,
61.7367

■ 44.7351, 25.2862,
12.2331

■ 78.0585, 74.2627,
77.8156

■ 42.9017, 22.8867,
7.7146

■ 88.0526, 89.3749,
96.1792

■ 41.8552, 21.6712, 95.0500, 100.0000,
4.6604 108.9000

■ 41.6043, 21.4057,
3.8486

Harmonies

Analogous

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



55.7782, 41.5179, 58.9863



56.1021, 41.5179, 36.0672



51.5640, 41.5179, 21.5891

Triad

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



56.1021, 41.5179, 36.0672



29.9987, 41.5179, 20.3853



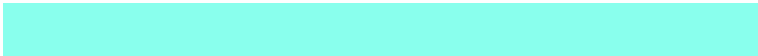
35.2306, 41.5179, 100.6233

Complementary

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



56.1021, 41.5179, 36.0672



61.3647, 82.9538, 92.9030

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.



29.4184, 41.5179, 81.7542



56.1021, 41.5179, 36.0672



26.6844, 41.5179, 33.7586

Square

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



56.1021, 41.5179, 36.0672



36.1262, 41.5179, 14.7801



26.4872, 41.5179, 55.7710



42.9961, 41.5179, 101.8815

Rectangle

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



56.1021, 41.5179, 36.0672



46.7027, 41.5179, 16.5292



26.4872, 41.5179, 55.7710



33.0104, 41.5179, 95.9020

Sweetspot

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



56.1032, 41.5200, 36.0680



80.2056, 77.5020, 81.7834



61.3682, 42.8326, 99.6408



16.7304, 15.9295, 16.6977



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.



56.1032, 41.5200, 36.0680



51.3577, 34.6131, 26.5199



61.3476, 54.2498, 30.9076



18.1223, 18.0322, 19.2610



21.7726, 11.1983, 2.1871



2.1514, 1.1029, 0.3787

Inverse Universe

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



56.1032, 41.5200, 36.0680



51.3577, 34.6131, 26.5199



52.8389, 61.4813, 103.6899



18.1223, 18.0322, 19.2610



21.7726, 11.1983, 2.1871



2.1514, 1.1029, 0.3787

Previews

White Background



This preview shows how the XYZ color 56.1021, 41.5179, 36.0672 looks on a white background.

Color Contrast Check

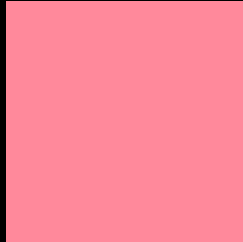
Large Text (above 18pt) WCAG AA × Fail

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 56.1021, 41.5179, 36.0672 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 56.1021, 41.5179, 36.0672

Background



This preview shows how black text looks on a background with the XYZ color 56.1021, 41.5179, 36.0672.



This preview shows how white text looks on a background with the XYZ color 56.1021, 41.5179,

36.0672.

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

56.1021, 41.5179, 36.0672

Protanopia

40.2970, 41.7911, 45.9870

Deuteranopia

42.6124, 41.8452, 34.6852



Tritanopia

55.3068, 41.3859, 33.0903

Trichromacy



Original Color

56.1021, 41.5179, 36.0672



Protanomaly

44.5500, 40.5654, 42.0411



Deuteranomaly

46.7694, 41.1040, 35.1746



Tritanomaly

55.5474, 41.4822, 34.3573

Monochromacy



Original Color

56.1021, 41.5179, 36.0672



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.3485, 40.9763, 42.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1021, 41.5179, 36.0672 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, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 155)  
}
```

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, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 155) }
```

Border

The CSS property to change the border of an element to XYZ 56.1021, 41.5179, 36.0672 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, 137, 155) }
```


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

```
.border{ border-color:rgb(255, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1021, 41.5179, 36.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 155) }
```

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

```
.background{ background-color: rgb(255,  
137, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor