

Converting Colors

XYZ(56.1008, 41.6354, 35.6979)

Have a look what the booklet for
XYZ(56.1008, 41.6354, 35.6979)
contains.

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Color

**XYZ(56.1612, 41.7701,
35.6743)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A9A
RGB	255, 138, 154
RGB Percent	100%, 54%, 60%
CMY	0.0000, 0.4588, 0.3961
CMYK	0.00, 0.46, 0.40, 0.00
HSL	352°, 100%, 77%
HSV	352°, 46%, 100%
XYZ	56.1612, 41.7701, 35.6743
YIQ	174.8070, 64.5960, 29.7800

Conversions

Conversions Part 2

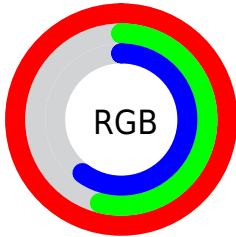
Format	Color
R _Y B	255, 138, 154
Decimal	16747162
CIE Lab	70.71, 45.81, 11.63
CIE LCh	71, 47.261, 14.240
Yxy	41.7701, 0.4204, 0.3126
Android (android.graphics.Color)	4294937242 (0xFFFF8A9A)
YUV	174.8070, -10.2579, 70.3293
Hunter-Lab	64.6298, 42.0086, 12.5140

Details

The XYZ color **56.1612, 41.7701, 35.6743** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8233, 83.1561, 94.4585**, and the grayscale version is **40.6770, 42.7953, 46.6041**.

A 20% lighter version of the original color is **71.6951, 63.9540, 68.2401**, and **28.2024, 19.0784, 15.0280** is the 20% darker color. If you saturate the color by 10%, you get **51.2542, 34.6262, 25.8073**, and if you desaturate by 10%, it is **62.2654, 50.7701, 47.6000**.

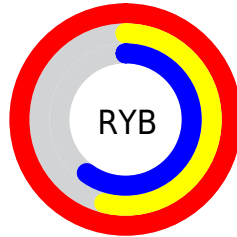
Distribution



Red (100%)

Green (54%)

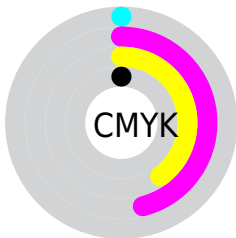
Blue (60%)



Red (100%)

Yellow (54%)

Blue (60%)

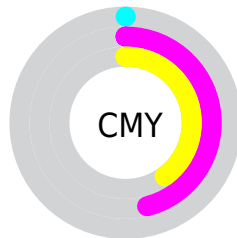


Cyan (0%)

Magenta (46%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1612, 41.7701, 35.6743 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 56.1612, 41.7701, 35.6743 by changing the saturation by 10% instead.


 56.1612, 41.7701,
35.6743


 56.1612, 41.7701,
35.6743


400.3639,
353.5290, 342.5290

 40.5697, 28.9213,
23.8951


 98.3787, 77.8516,
69.6924

 28.1692, 19.0213,
15.0443


 125.7353,
101.8530, 92.7684

 18.5943, 11.6857,
8.7035


 157.7445,
130.3409, 120.4470

 11.4798, 6.5300,
4.4541

194.7713,
163.6994, 153.1469

 6.4602, 3.1700,
1.8776

237.1814,
202.3131, 191.2864

 3.1702, 1.2211,
0.4785

285.3399,

 1.2444, 0.0788,

246.5664, 235.2843

0.0000

339.6123,
296.8435, 285.5590

■ 0.1410, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1612, 41.7701,
35.6743

■ 56.1612, 41.7701,
35.6743

■ 51.2542, 34.6262,
25.8073

■ 62.2654, 50.7701,
47.6000

■ 47.4617, 29.2028,
17.8794

■ 69.6355, 61.7369,
61.6899

■ 44.6956, 25.3558,
11.7621

■ 78.3391, 74.7800,
78.0451

■ 42.8528, 22.9149,
7.3102

■ 88.4378, 89.9988,
96.7596

■ 41.8073, 21.6695, 95.0499, 100.0000,
4.3552 108.9000

■ 41.5412, 21.3805,
3.5166

Harmonies

Analogous

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



56.0310, 41.7701, 58.2302



56.1612, 41.7701, 35.6743



51.4979, 41.7701, 21.5375

Triad

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



56.1612, 41.7701, 35.6743



30.0937, 41.7701, 21.0497



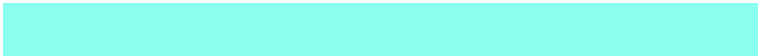
35.7496, 41.7701, 100.9011

Complementary

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



56.1612, 41.7701, 35.6743



61.8233, 83.1561, 94.4585

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.



29.8595, 41.7701, 82.6970



56.1612, 41.7701, 35.6743



26.8992, 41.7701, 34.7426

Square

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



56.1612, 41.7701, 35.6743



36.1106, 41.7701, 15.1753



26.8195, 41.7701, 56.9369



43.5223, 41.7701, 101.4057

Rectangle

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



56.1612, 41.7701, 35.6743



46.6128, 41.7701, 16.6448



26.8195, 41.7701, 56.9369



33.5090, 41.7701, 96.4355

Sweetspot

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



56.1623, 41.7722, 35.6751



80.1289, 77.4713, 81.3796



62.2153, 43.4814, 99.7212



16.7120, 15.9221, 16.6007



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.



56.1623, 41.7722, 35.6751



51.6400, 35.1836, 26.5955



61.9390, 55.3173, 31.4604



18.1105, 18.0275, 19.1989



21.7369, 11.1840, 1.9989



2.1459, 1.1007, 0.3496

Inverse Universe

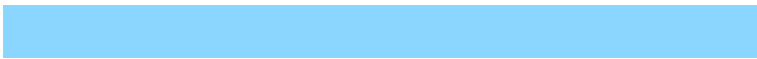
The Inverse Universe completely reimagines the original color for something new.



56.1623, 41.7722, 35.6751



51.6400, 35.1836, 26.5955



52.5923, 60.7436, 103.5603



18.1105, 18.0275, 19.1989



21.7369, 11.1840, 1.9989



2.1459, 1.1007, 0.3496

Previews

White Background



This preview shows how the XYZ color 56.1612, 41.7701, 35.6743 looks on a white background.

Color Contrast Check

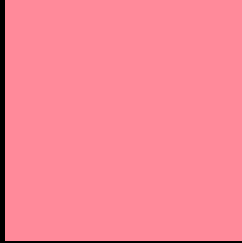
Large Text (above 18pt) WCAG AA × Fail

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 56.1612, 41.7701, 35.6743 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 56.1612, 41.7701, 35.6743

Background



This preview shows how black text looks on a background with the XYZ color 56.1612, 41.7701, 35.6743.



This preview shows how white text looks on a background with the XYZ color 56.1612, 41.7701,

35.6743.

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

56.1612, 41.7701, 35.6743

Protanopia

40.6179, 42.2514, 45.5497

Deuteranopia

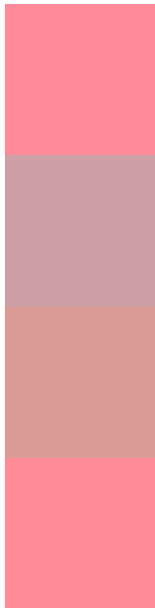
42.7967, 41.9495, 34.2752



Tritanopia

55.8974, 41.8952, 33.5742

Trichromacy



Original Color

56.1612, 41.7701, 35.6743

Protanomaly

44.6306, 40.8739, 41.6136

Deuteranomaly

46.6878, 41.0714, 34.7450

Tritanomaly

56.0585, 41.9596, 34.4226

Monochromacy



Original Color

56.1612, 41.7701, 35.6743

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.7972, 41.4681, 42.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1612, 41.7701, 35.6743 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, 138, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 154)  
}
```

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, 138, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 154) }
```

Border

The CSS property to change the border of an element to XYZ 56.1612, 41.7701, 35.6743 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, 138, 154) }
```


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

```
.border{ border-color:rgb(255, 138, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1612, 41.7701, 35.6743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 154) }
```

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

```
.background{ background-color: rgb(255,  
138, 154) }
```

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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