

Converting Colors

XYZ(56.5377, 43.0470, 34.1843)

Have a look what the booklet for
XYZ(56.5377, 43.0470, 34.1843)
contains.

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Color

**XYZ(56.5675, 43.1069,
34.1932)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F96
RGB	255, 143, 150
RGB Percent	100%, 56%, 59%
CMY	0.0000, 0.4392, 0.4118
CMYK	0.00, 0.44, 0.41, 0.00
HSL	356°, 100%, 78%
HSV	356°, 44%, 100%
XYZ	56.5675, 43.1069, 34.1932
YIQ	177.2860, 64.5050, 25.9210

Conversions

Conversions Part 2

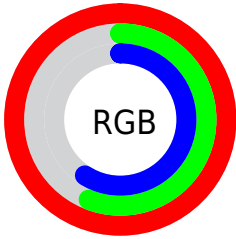
Format	Color
R _Y B	255, 143, 150
Decimal	16748438
CIE Lab	71.63, 42.87, 15.14
CIE LCh	72, 45.467, 19.449
Yxy	43.1069, 0.4226, 0.3220
Android (android.graphics.Color)	4294938518 (0xFFFF8F96)
YUV	177.2860, -13.4520, 68.1552
Hunter-Lab	65.6558, 38.8936, 15.0812

Details

The XYZ color **56.5675, 43.1069, 34.1932** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.0331, 84.1379, 101.6771**, and the grayscale version is **41.9862, 44.1727, 48.1041**.

A 20% lighter version of the original color is **72.3332, 66.0078, 66.0551**, and **28.4140, 19.8153, 14.1315** is the 20% darker color. If you saturate the color by 10%, you get **51.4325, 35.6098, 23.9329**, and if you desaturate by 10%, it is **62.9675, 52.5053, 46.8135**.

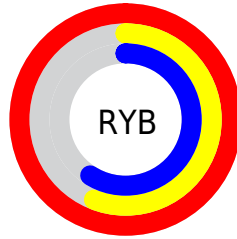
Distribution



Red (100%)

Green (56%)

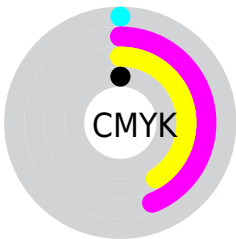
Blue (59%)



Red (100%)

Yellow (56%)

Blue (59%)

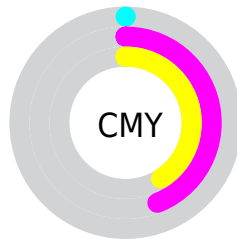


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5675, 43.1069, 34.1932 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 56.5675, 43.1069, 34.1932 by changing the saturation by 10% instead.


 56.5675, 43.1069,
34.1932

 56.5675, 43.1069,
34.1932


401.8671,
359.0512, 335.7881

 40.8969, 29.9690,
22.7635


 98.9688, 79.8722,
67.3713

 28.4258, 19.8151,
14.2153


 126.4303,
104.2683, 89.9568

 18.7890, 12.2607,
8.1301


158.5527,
133.1860, 117.0980

 11.6210, 6.9215,
4.0894

195.7015,
167.0096, 149.2134

 6.5565, 3.4130,
1.6745

238.2420,
206.1235, 186.7216

 3.2302, 1.3510,
0.3432

286.5395,

 1.2766, 0.1802,

250.9122, 230.0411

0.0000

340.9594,
301.7599, 279.5904

■ 0.1656, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5675, 43.1069,
34.1932

■ 56.5675, 43.1069,
34.1932

■ 51.4325, 35.6098,
23.9329

■ 62.9675, 52.5053,
46.8135

■ 47.4753, 29.8785,
15.8837

■ 70.7052, 63.9154,
61.9253

■ 44.6031, 25.7700,
9.8835

■ 79.8518, 77.4471,
79.6533

■ 42.7078, 23.1162,
5.7468

■ 90.4725, 93.2003,
100.1132

■ 41.6584, 21.7123,
3.2548

95.0500, 100.0000,
108.9000

■ 41.3330, 21.2972,
2.4196

Harmonies

Analogous

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



57.3073, 43.1069, 55.1312



56.5675, 43.1069, 34.1932



51.3638, 43.1069, 21.5395

Triad

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



56.5675, 43.1069, 34.1932



30.7262, 43.1069, 24.4251



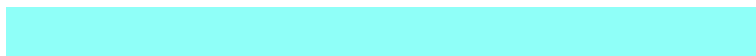
38.3216, 43.1069, 102.1358

Complementary

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



56.5675, 43.1069, 34.1932



64.0331, 84.1379, 101.6771

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.



32.0855, 43.1069, 87.0579



56.5675, 43.1069, 34.1932



28.0792, 43.1069, 39.5962

Square

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



56.5675, 43.1069, 34.1932



36.2400, 43.1069, 17.2448



28.5435, 43.1069, 62.5066



46.0985, 43.1069, 99.3053

Rectangle

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



56.5675, 43.1069, 34.1932



46.3886, 43.1069, 17.3883



28.5435, 43.1069, 62.5066



35.9940, 43.1069, 98.8463

Sweetspot

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



56.5686, 43.1091, 34.1940



80.7652, 78.8004, 81.4175



66.4198, 46.7384, 100.1284



16.8219, 16.1775, 16.5279



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.



56.5686, 43.1091, 34.1940



51.8539, 36.2231, 24.7811



64.9467, 60.7398, 34.2903



18.0554, 18.0055, 18.9087



21.6148, 11.1352, 1.3561



2.1199, 1.0904, 0.2131

Inverse Universe

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



56.5686, 43.1091, 34.1940



51.8539, 36.2231, 24.7811



51.5635, 57.4294, 102.9750



18.0554, 18.0055, 18.9087



21.6148, 11.1352, 1.3561



2.1199, 1.0904, 0.2131

Previews

White Background



This preview shows how the XYZ color 56.5675, 43.1069, 34.1932 looks on a white background.

Color Contrast Check

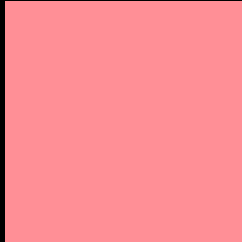
Large Text (above 18pt) WCAG AA × Fail

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 56.5675, 43.1069, 34.1932 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 56.5675, 43.1069, 34.1932

Background



This preview shows how black text looks on a background with the XYZ color 56.5675, 43.1069, 34.1932.



This preview shows how white text looks on a background with the XYZ color 56.5675, 43.1069,

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

56.5675, 43.1069, 34.1932

Protanopia

41.3611, 43.2737, 42.7319

Deuteranopia

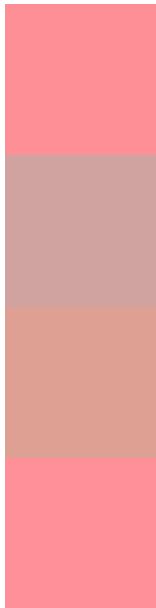
43.9274, 43.1168, 32.7952



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

56.5675, 43.1069, 34.1932

Protanomaly

45.5426, 42.1775, 39.4589

Deuteranomaly

47.9615, 42.7778, 33.3329

Tritanomaly

56.7300, 43.1719, 35.0488

Monochromacy



Original Color

56.5675, 43.1069, 34.1932

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.6070, 42.6794, 42.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5675, 43.1069, 34.1932 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, 143, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 150)  
}
```

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, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 150) }
```

Border

The CSS property to change the border of an element to XYZ 56.5675, 43.1069, 34.1932 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, 143, 150) }
```


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

```
.border{ border-color:rgb(255, 143, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5675, 43.1069, 34.1932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 150) }
```

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

```
.background{ background-color: rgb(255,  
143, 150) }
```

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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