

Converting Colors

XYZ(56.2654, 42.9381, 32.7507)

Have a look what the booklet for
XYZ(56.2654, 42.9381, 32.7507)
contains.

XYZ(56.3289, 43.0115, 32.9370)	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(56.3289, 43.0115,
32.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F93
RGB	255, 143, 147
RGB Percent	100%, 56%, 58%
CMY	0.0000, 0.4392, 0.4235
CMYK	0.00, 0.44, 0.42, 0.00
HSL	358°, 100%, 78%
HSV	358°, 44%, 100%
XYZ	56.3289, 43.0115, 32.9370
YIQ	176.9440, 65.4680, 24.9880

Conversions

Conversions Part 2

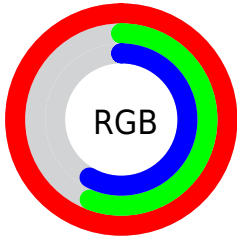
Format	Color
RYB	255, 143, 147
Decimal	16748435
CIELab	71.56, 42.56, 16.71
CIELCh	72, 45.724, 21.440
Yxy	43.0115, 0.4258, 0.3252
Android (android.graphics.Color)	4294938515 (0xFFFF8F93)
YUV	176.9440, -14.7624, 68.4551
Hunter-Lab	65.5832, 38.5419, 16.1317

Details

The XYZ color **56.3289, 43.0115, 32.9370** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5024, 84.3255, 104.1484**, and the grayscale version is **41.8127, 43.9902, 47.9053**.

A 20% lighter version of the original color is **71.9767, 65.8652, 64.1780**, and **28.3195, 19.7775, 13.6341** is the 20% darker color. If you saturate the color by 10%, you get **51.1988, 35.5164, 22.7029**, and if you desaturate by 10%, it is **62.7436, 52.4158, 45.6348**.

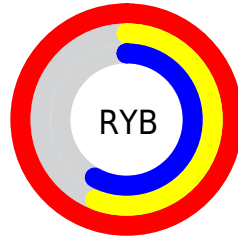
Distribution



Red (100%)

Green (56%)

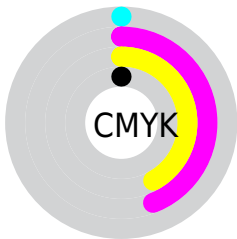
Blue (58%)



Red (100%)

Yellow (56%)

Blue (58%)

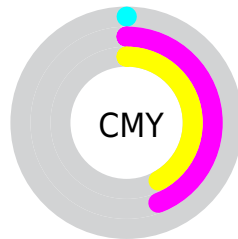


Cyan (0%)

Magenta (44%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3289, 43.0115, 32.9370 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 56.3289, 43.0115, 32.9370 by changing the saturation by 10% instead.


 56.3289, 43.0115,
32.9370

 56.3289, 43.0115,
32.9370


400.9848,
358.6591, 329.9891

 40.7047, 29.8941,
21.8075


 98.6223, 79.7282,
65.3920

 28.2751, 19.7583,
13.5185


 126.0223,
104.0964, 87.5546

 18.6746, 12.2194,
7.6517


158.0782,
132.9835, 114.2320

 11.5380, 6.8933,
3.7883

195.1554,
166.7742, 145.8426

 6.4999, 3.3955,
1.5099

237.6194,
205.8527, 182.8051

 3.1949, 1.3415,
0.2253

285.8353,

 1.2576, 0.1730,

250.6034, 225.5380

0.0000

340.1687,
301.4107, 274.4598

■ 0.1512, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3289, 43.0115,
32.9370

■ 56.3289, 43.0115,
32.9370

■ 51.1988, 35.5164,
22.7029

■ 62.7436, 52.4158,
45.6348

■ 47.2638, 29.7940,
14.7705

■ 70.5179, 63.8406,
60.9392

■ 44.4281, 25.7000,
8.9623

■ 79.7249, 77.3964,
78.9852

■ 42.5799, 23.0651,
5.0737

■ 90.4315, 93.1839,
99.8975

■ 41.5834, 21.6823, 95.0499, 100.0000,
2.8602 108.9000

■ 41.2897, 21.2799,
2.1924

Harmonies

Analogous

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



57.4038, 43.0115, 53.4559



56.3289, 43.0115, 32.9370



50.8595, 43.0115, 20.8168

Triad

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



56.3289, 43.0115, 32.9370



30.3289, 43.0115, 25.0005



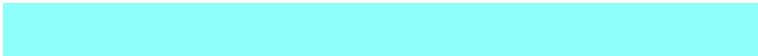
38.7092, 43.0115, 102.7696

Complementary

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



56.3289, 43.0115, 32.9370



64.5024, 84.3255, 104.1484

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.



32.3015, 43.0115, 88.6076



56.3289, 43.0115, 32.9370



27.8787, 43.0115, 40.7796

Square

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



56.3289, 43.0115, 32.9370



35.6872, 43.0115, 17.3414



28.5523, 43.0115, 64.1711



46.5560, 43.0115, 98.6541

Rectangle

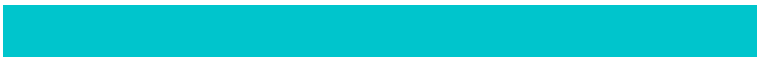
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3289, 43.0115, 32.9370



45.7951, 43.0115, 16.9671



28.5523, 43.0115, 64.1711



36.3319, 43.0115, 99.8607

Sweetspot

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



56.3300, 43.0137, 32.9378



80.6451, 78.7524, 80.7851



67.0832, 47.0804, 100.1593



16.7928, 16.1658, 16.3745



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.



56.3300, 43.0137, 32.9378



51.6190, 36.1291, 23.5446



65.3578, 61.5621, 34.4274



18.0356, 17.9976, 18.8048



21.5862, 11.1238, 1.2052



2.1106, 1.0866, 0.1638

Inverse Universe

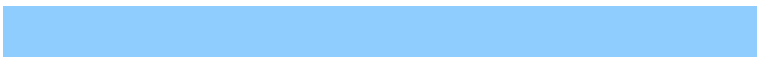
The Inverse Universe completely reimagines the original color for something new.



56.3300, 43.0137, 32.9378



51.6190, 36.1291, 23.5446



51.1154, 56.5333, 102.8255



18.0356, 17.9976, 18.8048



21.5862, 11.1238, 1.2052



2.1106, 1.0866, 0.1638

Previews

White Background



This preview shows how the XYZ color 56.3289, 43.0115, 32.9370 looks on a white background.

Color Contrast Check

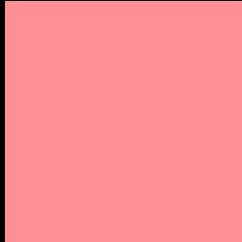
Large Text (above 18pt) WCAG AA × Fail

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 56.3289, 43.0115, 32.9370 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 56.3289, 43.0115, 32.9370

Background



This preview shows how black text looks on a background with the XYZ color 56.3289, 43.0115, 32.9370.



This preview shows how white text looks on a background with the XYZ color 56.3289, 43.0115,

32.9370.

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

56.3289, 43.0115, 32.9370

Protanopia

41.2322, 43.2494, 40.8251

Deuteranopia

43.9723, 43.1663, 31.6055



Tritanopia

56.6628, 42.9059, 35.4322

Trichromacy



Original Color

56.3289, 43.0115, 32.9370



Protanomaly

45.4775, 42.1840, 37.6437



Deuteranomaly

48.0363, 42.8432, 32.1233



Tritanomaly

56.4989, 42.8404, 34.5694

Monochromacy



Original Color

56.3289, 43.0115, 32.9370



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.5149, 42.6426, 41.9083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3289, 43.0115, 32.9370 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 147) }
```

Border

The CSS property to change the border of an element to XYZ 56.3289, 43.0115, 32.9370 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, 147) }
```


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

```
.border{ border-color:rgb(255, 143, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3289, 43.0115, 32.9370 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
143, 147) }
```

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