

Converting Colors

XYZ(56.5611, 43.6816, 32.3801)

Have a look what the booklet for
XYZ(56.5611, 43.6816, 32.3801)
contains.

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Color

**XYZ(56.4762, 43.5551,
32.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9191
RGB	255, 145, 145
RGB Percent	100%, 57%, 57%
CMY	0.0000, 0.4313, 0.4314
CMYK	0.00, 0.43, 0.43, 0.00
HSL	0°, 100%, 78%
HSV	0°, 43%, 100%
XYZ	56.4762, 43.5551, 32.2184
YIQ	177.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

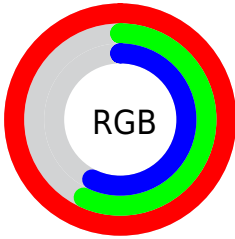
Format	Color
R_{YB}	255, 145, 145
Decimal	16748945
CIE _{Lab}	71.93, 41.34, 18.33
CIE _{LCh}	72, 45.223, 23.911
Yxy	43.5551, 0.4270, 0.3293
Android (android.graphics.Color)	4294939025 (0xFFFF9191)
YUV	177.8900, -16.2148, 67.6255
Hunter-Lab	65.9963, 37.2575, 17.2529

Details

The XYZ color **56.4762, 43.5551, 32.2184** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.4852, 84.7558, 107.5156**, and the grayscale version is **42.3186, 44.5225, 48.4850**.

A 20% lighter version of the original color is **72.2031, 66.6921, 63.1002**, and **28.3984, 20.0826, 13.2060** is the 20% darker color. If you saturate the color by 10%, you get **51.2574, 35.9190, 21.8425**, and if you desaturate by 10%, it is **63.0128, 53.1207, 45.2114**.

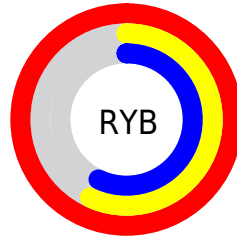
Distribution



Red (100%)

Green (57%)

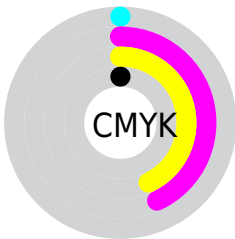
Blue (57%)



Red (100%)

Yellow (57%)

Blue (57%)

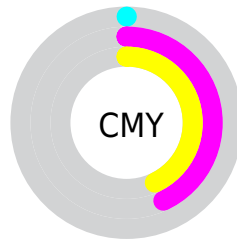


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4762, 43.5551, 32.2184 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 56.4762, 43.5551, 32.2184 by changing the saturation by 10% instead.


 56.4762, 43.5551,
32.2184

 56.4762, 43.5551,
32.2184


401.5296,
360.8897, 326.6363

 40.8233, 30.3209,
21.2622


 98.8363, 80.5479,
64.2552

 28.3681, 20.0823,
13.1227


 126.2742,
105.0752, 86.1728

 18.7452, 12.4549,
7.3814


158.3712,
134.1357, 112.5814

 11.5892, 7.0543,
3.6197

195.4926,
168.1138, 143.8993

 6.5348, 3.4961,
1.4191

238.0038,
207.3938, 180.5453

 3.2167, 1.3959,
0.1566

286.2701,

 1.2693, 0.2137,

252.3602, 222.9377

0.0000

340.6570,
303.3974, 271.4952

■ 0.1601, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4762, 43.5551,
32.2184

■ 56.4762, 43.5551,
32.2184

■ 51.2574, 35.9190,
21.8425

■ 63.0128, 53.1207,
45.2114

■ 47.2639, 30.0753,
13.9040

■ 70.9447, 64.7273,
60.9796

■ 44.3969, 25.8798,
8.2047

■ 80.3473, 78.4860,
79.6717

■ 42.5403, 23.1631,
4.5144

■ 91.2898, 94.4978,
101.4249

■ 41.5536, 21.7190,
2.5532

95.0499, 100.0000,
108.9000

■ 41.2401, 21.2603,
1.9300

Harmonies

Analogous

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



57.9504, 43.5551, 52.0697



56.4762, 43.5551, 32.2184



50.7545, 43.5551, 20.7312

Triad

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



56.4762, 43.5551, 32.2184



30.5403, 43.5551, 26.5606



39.8458, 43.5551, 103.3796

Complementary

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



56.4762, 43.5551, 32.2184



65.4852, 84.7558, 107.5156

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.



33.2681, 43.5551, 90.6515



56.4762, 43.5551, 32.2184



28.3418, 43.5551, 43.0634

Square

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



56.4762, 43.5551, 32.2184



35.6773, 43.5551, 18.2449



29.2748, 43.5551, 66.7894



47.6993, 43.5551, 97.7633

Rectangle

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



56.4762, 43.5551, 32.2184



45.6418, 43.5551, 17.2174



29.2748, 43.5551, 66.7894



37.4254, 43.5551, 101.0059

Sweetspot

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



56.4773, 43.5573, 32.2192



80.4867, 78.6898, 79.9484



69.4154, 48.7311, 100.3550



16.7544, 16.1506, 16.1719



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.



56.4773, 43.5573, 32.2192



51.7874, 36.6944, 22.8958



67.0052, 64.6131, 35.7285



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



65.4852, 84.7558, 107.5156



61.8905, 82.9022, 107.3475



50.3816, 54.5486, 102.4811



18.5549, 20.4813, 23.2253



28.1146, 41.1387, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 56.4762, 43.5551, 32.2184 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 56.4762, 43.5551, 32.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

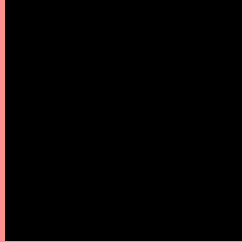
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4762, 43.5551, 32.2184

Background



This preview shows how black text looks on a background with the XYZ color 56.4762, 43.5551, 32.2184.



This preview shows how white text looks on a background with the XYZ color 56.4762, 43.5551,

32.2184.

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

56.4762, 43.5551, 32.2184

Protanopia

41.7255, 43.8142, 39.9760

Deuteranopia

44.6360, 43.7943, 31.2999



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

56.4762, 43.5551, 32.2184

Protanomaly

45.9499, 42.9785, 36.8842

Deuteranomaly

48.3678, 43.2900, 31.3977

Tritanomaly

56.7992, 43.4409, 34.6694

Monochromacy



Original Color

56.4762, 43.5551, 32.2184

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.9728, 43.1474, 41.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4762, 43.5551, 32.2184 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, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 145)  
}
```

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, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 56.4762, 43.5551, 32.2184 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, 145, 145) }
```


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

```
.border{ border-color:rgb(255, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4762, 43.5551, 32.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 145) }
```

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

```
.background{ background-color: rgb(255,  
145, 145) }
```

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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