

Converting Colors

XYZ(64.0413, 56.0369, 42.9048)

Have a look what the booklet for
XYZ(64.0413, 56.0369, 42.9048)
contains.

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Color

**XYZ(64.1516, 56.2168,
43.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A5
RGB	255, 179, 165
RGB Percent	100%, 70%, 65%
CMY	0.0000, 0.2980, 0.3529
CMYK	0.00, 0.30, 0.35, 0.00
HSL	9°, 100%, 82%
HSV	9°, 35%, 100%
XYZ	64.1516, 56.2168, 43.0671
YIQ	200.1280, 49.7900, 11.7580

Conversions

Conversions Part 2

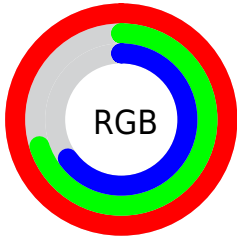
Format	Color
R _Y B	255, 182, 165
Decimal	16757669
CIE Lab	79.74, 25.93, 18.25
CIE LCh	80, 31.711, 35.142
Yxy	56.2168, 0.3925, 0.3440
Android (android.graphics.Color)	4294947749 (0xFFFFB3A5)
YUV	200.1280, -17.3181, 48.1227
Hunter-Lab	74.9779, 21.5146, 18.4285

Details

The XYZ color **64.1516, 56.2168, 43.0671** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0211, 78.1270, 106.2607**, and the grayscale version is **55.0617, 57.9292, 63.0849**.

A 20% lighter version of the original color is **83.8666, 85.8440, 79.8594**, and **33.2064, 27.8497, 19.2481** is the 20% darker color. If you saturate the color by 10%, you get **58.0744, 47.4137, 30.7095**, and if you desaturate by 10%, it is **71.3684, 66.5581, 58.0885**.

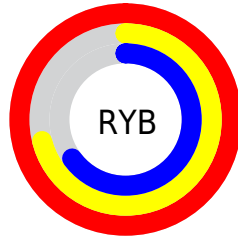
Distribution



Red (100%)

Green (70%)

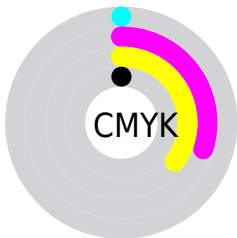
Blue (65%)



Red (100%)

Yellow (71%)

Blue (65%)

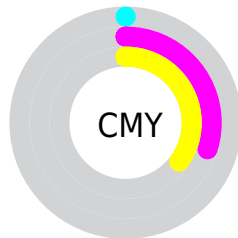


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1516, 56.2168, 43.0671 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 64.1516, 56.2168, 43.0671 by changing the saturation by 10% instead.


 64.1516, 56.2168,
43.0671


 64.1516, 56.2168,
43.0671


429.3304,
410.5080, 374.8170

 47.0356, 40.3768,
29.6060


 109.9018, 99.3215,
81.0996

 33.2719, 27.8324,
19.2902


 139.2666,
127.3549, 106.5080

 22.4950, 18.1994,
11.7012


173.4452,
160.2217, 136.7359

 14.3397, 11.0932,
6.4205

212.8027,
198.3060, 172.2018

 8.4406, 6.1296,
3.0295

257.7047,
241.9925, 213.3244

 4.4323, 2.9240,
1.1097

308.5164,

 1.9495, 1.0922,

291.6653, 260.5221

0.0000

365.6032,
347.7091, 314.2134

■ 0.6054, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1516, 56.2168,
43.0671

■ 64.1516, 56.2168,
43.0671

■ 58.0744, 47.4137,
30.7095

■ 71.3684, 66.5581,
58.0885

■ 53.0735, 40.0672,
20.8565

■ 79.7748, 78.4978,
75.9137

■ 49.0861, 34.1005,
13.3367

■ 89.4232, 92.1030,
96.6769

■ 46.0410, 29.4264,
7.9561

95.0500, 100.0000,
108.9000

■ 43.8572, 25.9475,
4.4887

■ 42.4391, 23.5520,
2.6571

■ 41.9881, 22.7562,
2.1794

Harmonies

Analogous

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



66.6640, 56.2168, 58.1032



64.1516, 56.2168, 43.0671



58.7798, 56.2168, 34.4563

Triad

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



64.1516, 56.2168, 43.0671



43.0167, 56.2168, 47.5457



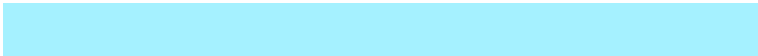
54.5439, 56.2168, 103.4988

Complementary

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



64.1516, 56.2168, 43.0671



65.0211, 78.1270, 106.2607

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.



48.4196, 56.2168, 99.1243



64.1516, 56.2168, 43.0671



42.0788, 56.2168, 64.4268

Square

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



64.1516, 56.2168, 43.0671



46.6511, 56.2168, 36.6570



43.9791, 56.2168, 83.8449



60.8409, 56.2168, 94.8281

Rectangle

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



64.1516, 56.2168, 43.0671



54.4825, 56.2168, 32.3585



43.9791, 56.2168, 83.8449



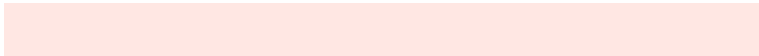
52.3959, 56.2168, 103.5204

Sweetspot

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



64.1531, 56.2195, 43.0682



83.7624, 84.1316, 84.4611



70.6474, 54.5516, 90.4173



17.6537, 17.6197, 17.4878



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.



64.1531, 56.2195, 43.0682



59.9544, 50.1491, 34.4953



74.5532, 77.0198, 46.5349



18.2375, 18.4433, 18.7430



22.0070, 12.0253, 1.1612



2.2058, 1.2970, 0.1341

Inverse Universe

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



65.0211, 78.1270, 106.2607



60.9164, 74.8501, 105.8446



53.4205, 54.9257, 102.3939



18.2999, 19.9715, 23.1403



22.2619, 29.4334, 53.9425



2.2296, 2.9898, 5.2729

Previews

White Background



This preview shows how the XYZ color 64.1516, 56.2168, 43.0671 looks on a white background.

Color Contrast Check

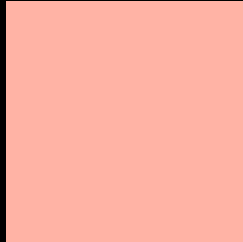
Large Text (above 18pt) WCAG AA × Fail

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 64.1516, 56.2168, 43.0671 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 64.1516, 56.2168, 43.0671

Background



This preview shows how black text looks on a background with the XYZ color 64.1516, 56.2168, 43.0671.



This preview shows how white text looks on a background with the XYZ color 64.1516, 56.2168,

43.0671.

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

64.1516, 56.2168, 43.0671

Protanopia

53.3384, 56.2539, 48.0913

Deuteranopia

57.3374, 56.1293, 42.4624



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

64.1516, 56.2168, 43.0671



Protanomaly

56.5046, 55.6145, 46.2846



Deuteranomaly

59.5196, 55.9753, 42.7892



Tritanomaly

65.3986, 56.3961, 50.6187

Monochromacy



Original Color

64.1516, 56.2168, 43.0671



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.3345, 56.5028, 54.8980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1516, 56.2168, 43.0671 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, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 165)  
}
```

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, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 165) }
```

Border

The CSS property to change the border of an element to XYZ 64.1516, 56.2168, 43.0671 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, 179, 165) }
```


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

```
.border{ border-color:rgb(255, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1516, 56.2168, 43.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 165) }
```

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

```
.background{ background-color: rgb(255,  
179, 165) }
```

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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