

Converting Colors

XYZ(78.8005, 64.1194, 44.0530)

Have a look what the booklet for
XYZ(78.8005, 64.1194, 44.0530)
contains.

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Color

**XYZ(64.3528, 56.6191,
43.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4A5
RGB	255, 180, 165
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2941, 0.3529
CMYK	0.00, 0.29, 0.35, 0.00
HSL	10°, 100%, 82%
HSV	10°, 35%, 100%
XYZ	64.3528, 56.6191, 43.1341
YIQ	200.7150, 49.5150, 11.2350

Conversions

Conversions Part 2

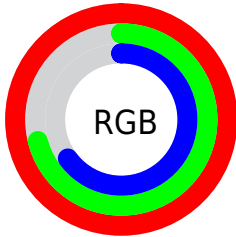
Format	Color
R _Y B	255, 183, 165
Decimal	16757925
CIE Lab	79.96, 25.41, 18.57
CIE LCh	80, 31.470, 36.162
Yxy	56.6191, 0.3921, 0.3450
Android (android.graphics.Color)	4294948005 (0xFFFFB4A5)
YUV	200.7150, -17.6075, 47.6079
Hunter-Lab	75.2457, 20.9797, 18.6843

Details

The XYZ color **64.3528, 56.6191, 43.1341** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7259, 77.5367, 106.1624**, and the grayscale version is **55.4262, 58.3127, 63.5025**.

A 20% lighter version of the original color is **84.1537, 86.4182, 79.9552**, and **33.3350, 28.1068, 19.2910** is the 20% darker color. If you saturate the color by 10%, you get **58.2935, 47.8519, 30.7825**, and if you desaturate by 10%, it is **71.5353, 66.8919, 58.1441**.

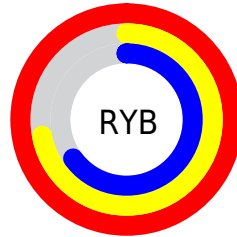
Distribution



Red (100%)

Green (71%)

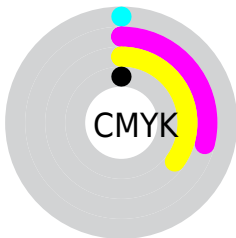
Blue (65%)



Red (100%)

Yellow (72%)

Blue (65%)

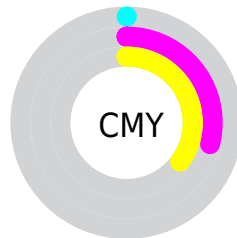


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3528, 56.6191, 43.1341 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 64.3528, 56.6191, 43.1341 by changing the saturation by 10% instead.


 64.3528, 56.6191,
43.1341


 64.3528, 56.6191,
43.1341


430.0446,
412.0205, 375.1004

 47.1992, 40.6995,
29.6582


 110.1898, 99.9092,
81.2017

 33.4018, 28.0844,
19.3294


 139.6039,
128.0485, 106.6305

 22.5951, 18.3893,
11.7293


173.8355,
161.0298, 136.8806

 14.4139, 11.2298,
6.4394

213.2501,
199.2375, 172.3706

 8.4927, 6.2216,
3.0410

258.2129,
243.0561, 213.5190

 4.4662, 2.9803,
1.1156

309.0894,

 1.9691, 1.1215,

292.8698, 260.7444

0.0000

366.2448,
349.0631, 314.4654

■ 0.6165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3528, 56.6191,
43.1341

■ 64.3528, 56.6191,
43.1341

■ 58.2935, 47.8519,
30.7825

■ 71.5353, 66.8919,
58.1441

■ 53.2956, 40.5114,
20.9305

■ 79.8900, 78.7283,
75.9521

■ 49.2978, 34.5240,
13.4073

■ 89.4683, 92.1931,
96.6918

■ 46.2306, 29.8056,
8.0193

95.0500, 100.0000,
108.9000

■ 44.0149, 26.2628,
4.5412

■ 42.5575, 23.7888,
2.6965

■ 42.0864, 22.9527,
2.2121

Harmonies

Analogous

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



66.9735, 56.6191, 57.9491



64.3528, 56.6191, 43.1341



58.9330, 56.6191, 34.7458

Triad

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



64.3528, 56.6191, 43.1341



43.3435, 56.6191, 48.4967



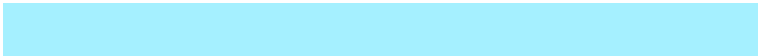
55.1440, 56.6191, 103.6526

Complementary

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



64.3528, 56.6191, 43.1341



64.7259, 77.5367, 106.1624

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.



49.0018, 56.6191, 99.7471



64.3528, 56.6191, 43.1341



42.5034, 56.6191, 65.5022

Square

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



64.3528, 56.6191, 43.1341



46.8875, 56.6191, 37.3864



44.4949, 56.6191, 84.8223



61.3927, 56.6191, 94.6329

Rectangle

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



64.3528, 56.6191, 43.1341



54.6411, 56.6191, 32.7900



44.4949, 56.6191, 84.8223



52.9968, 56.6191, 103.8286

Sweetspot

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



64.3542, 56.6218, 43.1352



83.8499, 84.3065, 84.4903



70.4236, 54.4620, 89.2387



17.6744, 17.6610, 17.4947



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.



64.3542, 56.6218, 43.1352



60.1693, 50.5789, 34.5669



74.9570, 77.8273, 46.6695



18.2540, 18.4762, 18.7485



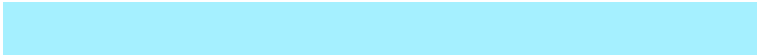
22.0622, 12.1357, 1.1796



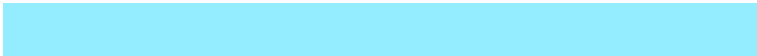
2.2136, 1.3125, 0.1367

Inverse Universe

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



64.7259, 77.5367, 106.1624



60.5705, 74.1582, 105.7293



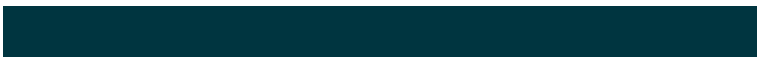
53.0826, 54.2501, 102.2813



18.2819, 19.9355, 23.1343



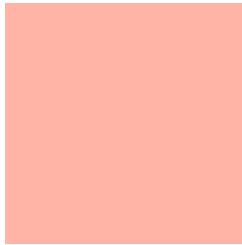
21.8923, 28.6942, 53.8193



2.1969, 2.9246, 5.2620

Previews

White Background



This preview shows how the XYZ color 64.3528, 56.6191, 43.1341 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 64.3528, 56.6191, 43.1341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

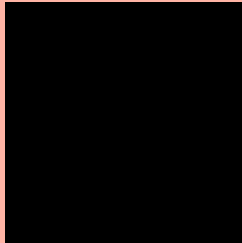
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3528, 56.6191, 43.1341

Background



This preview shows how black text looks on a background with the XYZ color 64.3528, 56.6191, 43.1341.

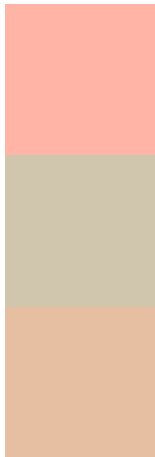


This preview shows how white text looks on a background with the XYZ color 64.3528, 56.6191,

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

64.3528, 56.6191, 43.1341

Protanopia

53.8465, 56.8541, 48.1803

Deuteranopia

57.8748, 56.7289, 42.5498



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

64.3528, 56.6191, 43.1341

Protanomaly

57.0328, 56.2094, 46.3716

Deuteranomaly

60.0678, 56.5717, 42.8755

Tritanomaly

65.5009, 56.4370, 51.1572

Monochromacy



Original Color

64.3528, 56.6191, 43.1341

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.9659, 57.1429, 55.5515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3528, 56.6191, 43.1341 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, 180, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 165) }
```

Border

The CSS property to change the border of an element to XYZ 64.3528, 56.6191, 43.1341 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, 180, 165) }
```


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

```
.border{ border-color:rgb(255, 180, 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, 180, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3528, 56.6191, 43.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 165) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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