

Converting Colors

XYZ(65.8303, 56.1697, 46.8964)

Have a look what the booklet for
XYZ(65.8303, 56.1697, 46.8964)
contains.

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Color

**XYZ(64.3082, 55.3278,
46.8251)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0AD
RGB	255, 176, 173
RGB Percent	100%, 69%, 68%
CMY	0.0000, 0.3098, 0.3216
CMYK	0.00, 0.31, 0.32, 0.00
HSL	2°, 100%, 84%
HSV	2°, 32%, 100%
XYZ	64.3082, 55.3278, 46.8251
YIQ	199.2790, 48.0470, 15.8150

Conversions

Conversions Part 2

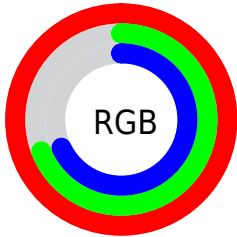
Format	Color
R _Y B	255, 176, 173
Decimal	16756909
CIE Lab	79.23, 28.47, 13.23
CIE LCh	79, 31.397, 24.915
Yxy	55.3278, 0.3863, 0.3324
Android (android.graphics.Color)	4294946989 (0xFFFFB0AD)
YUV	199.2790, -12.9555, 48.8673
Hunter-Lab	74.3827, 24.1541, 14.7438

Details

The XYZ color **64.3082, 55.3278, 46.8251** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.0927, 85.7220, 107.4595**, and the grayscale version is **54.5144, 57.3534, 62.4579**.

A 20% lighter version of the original color is **84.1002, 84.5747, 85.2908**, and **33.2991, 27.2822, 21.6001** is the 20% darker color. If you saturate the color by 10%, you get **57.6836, 45.6578, 33.5831**, and if you desaturate by 10%, it is **72.2780, 66.9344, 62.8399**.

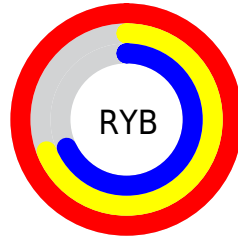
Distribution



Red (100%)

Green (69%)

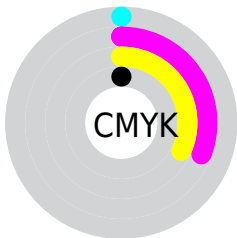
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

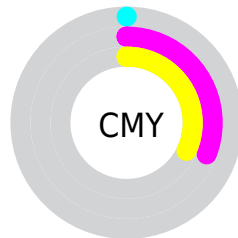


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3082, 55.3278, 46.8251 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 64.3082, 55.3278, 46.8251 by changing the saturation by 10% instead.


 64.3082, 55.3278,
46.8251

 64.3082, 55.3278,
46.8251


429.8864,
407.1533, 390.4895

 47.1630, 39.6642,
32.5441


 110.1259, 98.0211,
86.7997

 33.3730, 27.2768,
21.5091


139.5291,
125.8196, 113.3304

 22.5729, 17.7813,
13.3018


173.7490,
158.4318, 144.7814

 14.3974, 10.7931,
7.5035

213.1510,
196.2422, 181.5712

 8.4812, 5.9279,
3.6958

258.1003,
239.6352, 224.1184

 4.4587, 2.8013,
1.4600

308.9624,

 1.9648, 1.0289,

288.9951, 272.8414

0.1878

366.1027,
344.7063, 328.1590

■ 0.6141, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3082, 55.3278,
46.8251

■ 64.3082, 55.3278,
46.8251

■ 57.6836, 45.6578,
33.5831

■ 72.2780, 66.9344,
62.8399

■ 52.3262, 37.8118,
22.9533

■ 81.6571, 80.5666,
81.7691

■ 48.1564, 31.6776,
14.7640

■ 92.5106, 96.3176,
103.7484

■ 45.0837, 27.1275,
8.8214

■ 95.0500, 100.0000,
108.9000

■ 43.0047, 24.0159,
4.9025

■ 41.7962, 22.1704,
2.7383

■ 41.3414, 21.4629,
1.9638

Harmonies

Analogous

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



65.5460, 55.3278, 63.3580



64.3082, 55.3278, 46.8251



59.8329, 55.3278, 36.1572

Triad

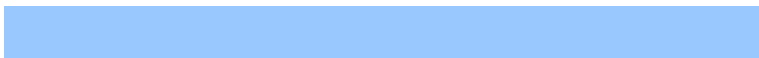
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3082, 55.3278, 46.8251



43.3181, 55.3278, 42.4816



51.5251, 55.3278, 101.6386

Complementary

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



64.3082, 55.3278, 46.8251



70.0927, 85.7220, 107.4595

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.



45.9518, 55.3278, 93.1782



64.3082, 55.3278, 46.8251



41.4603, 55.3278, 57.2310

Square

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



64.3082, 55.3278, 46.8251



47.6660, 55.3278, 34.0211



42.3850, 55.3278, 76.0056



57.8365, 55.3278, 97.3354

Rectangle

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



64.3082, 55.3278, 46.8251



55.7908, 55.3278, 32.6560



42.3850, 55.3278, 76.0056



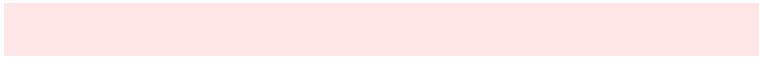
49.5090, 55.3278, 100.1509

Sweetspot

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



64.3096, 55.3304, 46.8262



83.8707, 83.7809, 86.2462



73.7968, 58.1929, 99.6600



17.6413, 17.4818, 17.8322



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.



64.3096, 55.3304, 46.8262



59.6344, 48.5084, 37.4731



73.5273, 73.7658, 49.8988



18.0627, 18.0937, 18.6847



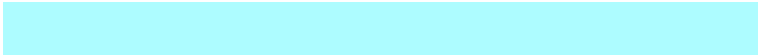
21.6249, 11.2610, 1.0338



2.1235, 1.1323, 0.1066

Inverse Universe

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



70.0927, 85.7220, 107.4595



66.2817, 83.4597, 107.2237



58.6446, 62.8259, 103.6434



18.4944, 20.3605, 23.2052



26.6221, 38.1538, 55.3959



2.6092, 3.7491, 5.3994

Previews

White Background



This preview shows how the XYZ color 64.3082, 55.3278, 46.8251 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 64.3082, 55.3278, 46.8251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

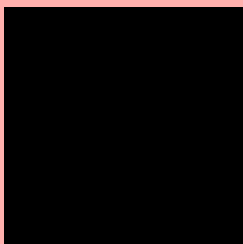
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3082, 55.3278, 46.8251

Background



This preview shows how black text looks on a background with the XYZ color 64.3082, 55.3278, 46.8251.



This preview shows how white text looks on a background with the XYZ color 64.3082, 55.3278,

46.8251.

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

64.3082, 55.3278, 46.8251

Protanopia

52.9158, 55.5953, 52.7417

Deuteranopia

56.5996, 55.3430, 46.2272



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

64.3082, 55.3278, 46.8251



Protanomaly

56.4585, 55.1795, 50.3228



Deuteranomaly

59.1790, 55.0924, 46.5446



Tritanomaly

65.0135, 55.2973, 51.5028

Monochromacy



Original Color

64.3082, 55.3278, 46.8251



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.1385, 56.0394, 56.5204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3082, 55.3278, 46.8251 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, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 173)  
}
```

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, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 173) }
```

Border

The CSS property to change the border of an element to XYZ 64.3082, 55.3278, 46.8251 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, 176, 173) }
```


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

```
.border{ border-color:rgb(255, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3082, 55.3278, 46.8251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 173) }
```

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

```
.background{ background-color: rgb(255,  
176, 173) }
```

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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