

Converting Colors

XYZ(150.3891, 100.0000,
49.9181)

Have a look what the booklet for
XYZ(150.3891, 100.0000, 49.9181)
contains.

XYZ(64.3128, 55.6446, 45.8789)	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(64.3128, 55.6446,
45.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1AB
RGB	255, 177, 171
RGB Percent	100%, 69%, 67%
CMY	0.0000, 0.3059, 0.3294
CMYK	0.00, 0.31, 0.33, 0.00
HSL	4°, 100%, 84%
HSV	4°, 33%, 100%
XYZ	64.3128, 55.6446, 45.8789
YIQ	199.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

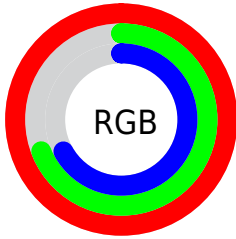
Format	Color
R _Y B	255, 177, 171
Decimal	16757163
CIE Lab	79.41, 27.70, 14.56
CIE LCh	79, 31.298, 27.730
Yxy	55.6446, 0.3878, 0.3355
Android (android.graphics.Color)	4294947243 (0xFFFFB1AB)
YUV	199.6380, -14.1185, 48.5525
Hunter-Lab	74.5953, 23.3531, 15.7512

Details

The XYZ color **64.3128, 55.6446, 45.8789** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7189, 83.6261, 107.1273**, and the grayscale version is **54.7416, 57.5924, 62.7182**.

A 20% lighter version of the original color is **84.1064, 85.0288, 83.9308**, and **33.3024, 27.4830, 21.0023** is the 20% darker color. If you saturate the color by 10%, you get **57.8349, 46.2104, 32.8625**, and if you desaturate by 10%, it is **72.0739, 66.8943, 61.6374**.

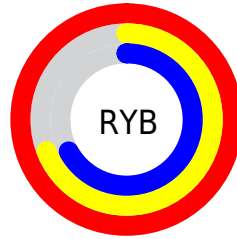
Distribution



Red (100%)

Green (69%)

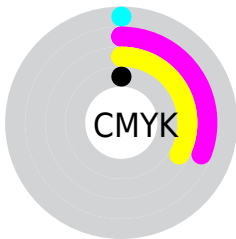
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

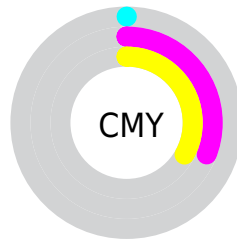


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3128, 55.6446, 45.8789 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 64.3128, 55.6446, 45.8789 by changing the saturation by 10% instead.


 64.3128, 55.6446,
45.8789

 64.3128, 55.6446,
45.8789


429.9027,
408.3508, 386.5850

 47.1667, 39.9180,
31.8023


 110.1325, 98.4848,
85.3701

 33.3760, 27.4747,
20.9470


139.5368,
126.3671, 111.6218

 22.5752, 17.9300,
12.8944

173.7579,
159.0703, 142.7689

 14.3991, 10.8998,
7.2260

213.1612,
196.9785, 179.2300

 8.4823, 5.9995,
3.5232

258.1119,
240.4763, 221.4236

 4.4595, 2.8448,
1.3676


308.9755,

 1.9652, 1.0512,


289.9480, 269.7683


0.1163


366.1173,
345.7780, 324.6826


 0.6143, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.3128, 55.6446,
45.8789


 64.3128, 55.6446,
45.8789


 57.8349, 46.2104,
32.8625


 72.0739, 66.8943,
61.6374

 52.5668, 38.4892,
22.4283

 81.1776, 80.0393,
80.2788

 48.4345, 32.3803,
14.4053

 91.6849, 95.1642,
101.9381

 45.3541, 27.7695,
8.6001

95.0500, 100.0000,
108.9000

■ 43.2299, 24.5274,
4.7898

■ 41.9486, 22.5025,
2.7048

■ 41.4601, 21.7001,
2.0034

Harmonies

Analogous

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



65.8947, 55.6446, 61.9676



64.3128, 55.6446, 45.8789



59.6009, 55.6446, 35.7989

Triad

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



64.3128, 55.6446, 45.8789



43.3216, 55.6446, 43.9360



52.4117, 55.6446, 102.1275

Complementary

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



64.3128, 55.6446, 45.8789



68.7189, 83.6261, 107.1273

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.



46.7000, 55.6446, 94.7840



64.3128, 55.6446, 45.8789



41.7173, 55.6446, 59.2281

Square

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



64.3128, 55.6446, 45.8789



47.4666, 55.6446, 34.8431



42.9042, 55.6446, 78.1451



58.7084, 55.6446, 96.6418

Rectangle

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



64.3128, 55.6446, 45.8789



55.4964, 55.6446, 32.6887



42.9042, 55.6446, 78.1451



50.3637, 55.6446, 101.0509

Sweetspot

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



64.3143, 55.6473, 45.8800



84.1192, 84.2780, 86.3290



72.9645, 57.2509, 97.1549



17.7008, 17.6008, 17.8520



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.



64.3143, 55.6473, 45.8800



59.6113, 48.8030, 36.4151



73.8182, 74.6552, 49.0480



18.1136, 18.1955, 18.7017



21.7015, 11.4142, 1.0594



2.1476, 1.1806, 0.1147

Inverse Universe

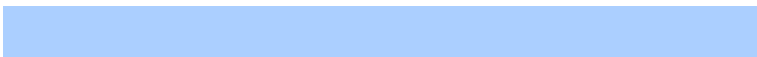
The Inverse Universe completely reimagines the original color for something new.



68.7189, 83.6261, 107.1273



64.6644, 80.9474, 106.8240



57.2549, 60.6981, 103.3060



18.4372, 20.2459, 23.1861



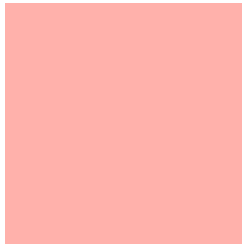
25.2678, 35.4452, 54.9444



2.4922, 3.5151, 5.3604

Previews

White Background



This preview shows how the XYZ color 64.3128, 55.6446, 45.8789 looks on a white background.

Color Contrast Check

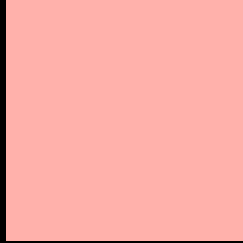
Large Text (above 18pt) WCAG AA × Fail

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 64.3128, 55.6446, 45.8789 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 64.3128, 55.6446, 45.8789

Background



This preview shows how black text looks on a background with the XYZ color 64.3128, 55.6446, 45.8789.



This preview shows how white text looks on a background with the XYZ color 64.3128, 55.6446,

45.8789.

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

64.3128, 55.6446, 45.8789

Protanopia

52.9823, 55.6534, 51.6658

Deuteranopia

56.9389, 55.8602, 45.3172



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

64.3128, 55.6446, 45.8789

Protanomaly

56.5648, 55.2575, 49.2794

Deuteranomaly

59.5297, 55.6047, 45.6254

Tritanomaly

65.2088, 55.6881, 51.5680

Monochromacy



Original Color

64.3128, 55.6446, 45.8789

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.5501, 56.5890, 56.0337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3128, 55.6446, 45.8789 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, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 171)  
}
```

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, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 171) }
```

Border

The CSS property to change the border of an element to XYZ 64.3128, 55.6446, 45.8789 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, 177, 171) }
```


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

```
.border{ border-color:rgb(255, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3128, 55.6446, 45.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 171) }
```

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

```
.background{ background-color: rgb(255,  
177, 171) }
```

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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