

Converting Colors

XYZ(64.2032, 55.8329, 44.5860)

Have a look what the booklet for
XYZ(64.2032, 55.8329, 44.5860)
contains.

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Color

**XYZ(64.2283, 55.9279,
44.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A8
RGB	255, 178, 168
RGB Percent	100%, 70%, 66%
CMY	0.0000, 0.3019, 0.3412
CMYK	0.00, 0.30, 0.34, 0.00
HSL	7°, 100%, 83%
HSV	7°, 34%, 100%
XYZ	64.2283, 55.9279, 44.4558
YIQ	199.8830, 49.1020, 13.2140

Conversions

Conversions Part 2

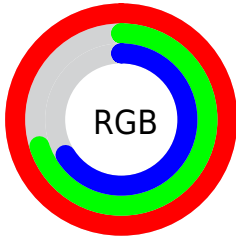
Format	Color
R_{YB}	255, 179, 168
Decimal	16757416
CIE _{Lab}	79.57, 26.81, 16.41
CIE _{LCh}	80, 31.436, 31.464
Yxy	55.9279, 0.3902, 0.3398
Android (android.graphics.Color)	4294947496 (0xFFFFB2A8)
YUV	199.8830, -15.7183, 48.3376
Hunter-Lab	74.7850, 22.4292, 17.1046

Details

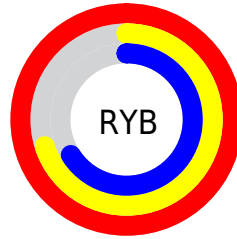
The XYZ color **64.2283, 55.9279, 44.4558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8497, 80.8468, 106.6894**, and the grayscale version is **54.9014, 57.7606, 62.9013**.

A 20% lighter version of the original color is **83.9821, 85.4334, 81.8760**, and **33.2510, 27.6639, 20.1102** is the 20% darker color. If you saturate the color by 10%, you get **57.9548, 46.8171, 31.7711**, and if you desaturate by 10%, it is **71.7091, 66.7076, 59.8422**.

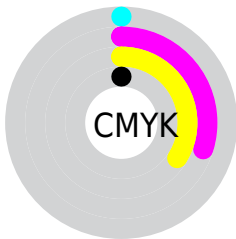
Distribution



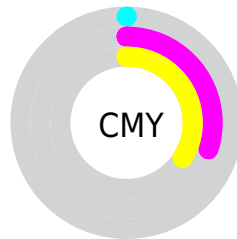
- Red (100%)
- Green (70%)
- Blue (66%)



- Red (100%)
- Yellow (70%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2283, 55.9279, 44.4558 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 64.2283, 55.9279, 44.4558 by changing the saturation by 10% instead.

 64.2283, 55.9279,
44.4558


 64.2283, 55.9279,
44.4558


429.6028,
409.4197, 380.6607

 47.0980, 40.1451,
30.6892


 110.0116, 98.8992,
83.2129

 33.3214, 27.6517,
20.1058

 139.3952,
126.8564, 109.0406

 22.5332, 18.0633,
12.2871


173.5940,
159.6406, 139.7256

 14.3680, 10.9954,
6.8146

212.9733,
197.6362, 175.6865

 8.4605, 6.0638,
3.2698

257.8985,
241.2275, 217.3420

 4.4452, 2.8839,
1.2340

308.7349,

 1.9570, 1.0714,

290.7989, 265.1105

0.0067

365.8479,
346.7348, 319.4105

■ 0.6096, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2283, 55.9279,
44.4558

■ 64.2283, 55.9279,
44.4558

■ 57.9548, 46.8171,
31.7711

■ 71.7091, 66.7076,
59.8422

■ 52.8209, 39.2843,
21.6287

■ 80.4518, 79.2255,
78.0706

■ 48.7588, 33.2416,
13.8577

■ 90.5127, 93.5567,
99.2754

■ 45.6915, 28.5896,
8.2646

95.0500, 100.0000,
108.9000

■ 43.5316, 25.2167,
4.6254

■ 42.1757, 22.9934,
2.6673

■ 41.6874, 22.1548,
2.0791

Harmonies

Analogous

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



66.2749, 55.9279, 60.0101



64.2283, 55.9279, 44.4558



59.1858, 55.9279, 35.1225

Triad

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



64.2283, 55.9279, 44.4558



43.1675, 55.9279, 45.7177



53.4692, 55.9279, 102.8041

Complementary

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



64.2283, 55.9279, 44.4558



66.8497, 80.8468, 106.6894

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.



47.5536, 55.9279, 96.9326



64.2283, 55.9279, 44.4558



41.8968, 55.9279, 61.7906

Square

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



64.2283, 55.9279, 44.4558



47.0555, 55.9279, 35.7430



43.4386, 55.9279, 80.9591



59.7661, 55.9279, 95.7240

Rectangle

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



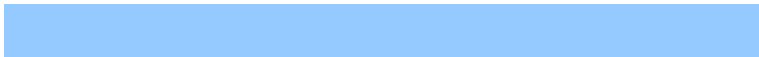
64.2283, 55.9279, 44.4558



54.9847, 55.9279, 32.5232



43.4386, 55.9279, 80.9591



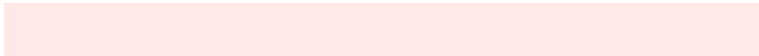
51.3718, 55.9279, 102.2737

Sweetspot

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



64.2297, 55.9305, 44.4569



84.4313, 84.9022, 86.4330



71.9236, 55.9381, 94.4369



17.7756, 17.7503, 17.8770



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.



64.2297, 55.9305, 44.4569



59.7852, 49.4843, 35.4449



73.9539, 75.3790, 47.6983



18.1775, 18.3233, 18.7230



21.8356, 11.6824, 1.1041



2.1777, 1.2408, 0.1247

Inverse Universe

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



66.8497, 80.8468, 106.6894



62.7543, 77.8340, 106.3237



55.5077, 58.1629, 102.9087



18.3660, 20.1036, 23.1623



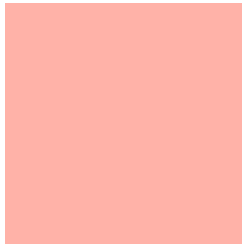
23.6672, 32.2439, 54.4109



2.3529, 3.2364, 5.3140

Previews

White Background



This preview shows how the XYZ color 64.2283, 55.9279, 44.4558 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 64.2283, 55.9279, 44.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

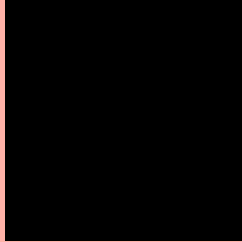
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2283, 55.9279, 44.4558

Background



This preview shows how black text looks on a background with the XYZ color 64.2283, 55.9279, 44.4558.



This preview shows how white text looks on a background with the XYZ color 64.2283, 55.9279,

44.4558.

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

64.2283, 55.9279, 44.4558

Protanopia

53.4557, 56.2687, 50.1630

Deuteranopia

57.2913, 56.0741, 43.8802



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

64.2283, 55.9279, 44.4558

Protanomaly

56.7939, 55.7302, 47.8080

Deuteranomaly

59.7939, 56.0850, 44.2332

Tritanomaly

65.3026, 56.0405, 51.0911

Monochromacy



Original Color

64.2283, 55.9279, 44.4558

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.4419, 56.5458, 55.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2283, 55.9279, 44.4558 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, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 168)  
}
```

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, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 168) }
```

Border

The CSS property to change the border of an element to XYZ 64.2283, 55.9279, 44.4558 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, 178, 168) }
```


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

```
.border{ border-color:rgb(255, 178, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2283, 55.9279, 44.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 168) }
```

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

```
.background{ background-color: rgb(255,  
178, 168) }
```

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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