

Converting Colors

XYZ(104.8286, 77.2937,
45.8862)

Have a look what the booklet for
XYZ(104.8286, 77.2937, 45.8862)
contains.

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Color

**XYZ(64.3352, 56.2902,
44.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A7
RGB	255, 179, 167
RGB Percent	100%, 70%, 65%
CMY	0.0000, 0.2980, 0.3451
CMYK	0.00, 0.30, 0.35, 0.00
HSL	8°, 100%, 83%
HSV	8°, 35%, 100%
XYZ	64.3352, 56.2902, 44.0335
YIQ	200.3560, 49.1480, 12.3800

Conversions

Conversions Part 2

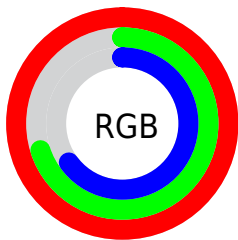
Format	Color
RYB	255, 181, 167
Decimal	16757671
CIELab	79.78, 26.17, 17.23
CIELCh	80, 31.335, 33.368
Yxy	56.2902, 0.3907, 0.3419
Android (android.graphics.Color)	4294947751 (0xFFFFB3A7)
YUV	200.3560, -16.4445, 47.9228
Hunter-Lab	75.0268, 21.7662, 17.7212

Details

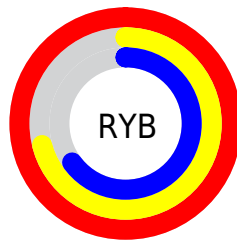
The XYZ color **64.3352, 56.2902, 44.0335** is a light color, and the websafe version is hex **FF9999**, and the color name is **washed-out crimson (arazome)**. A complement of this color would be **66.0358, 79.5339, 106.4789**, and the grayscale version is **55.1974, 58.0720, 63.2404**.

A 20% lighter version of the original color is **84.1331, 85.9506, 81.2631**, and **33.3203, 27.8953, 19.8478** is the 20% darker color. If you saturate the color by 10%, you get **58.1396, 47.3070, 31.4622**, and if you desaturate by 10%, it is **71.7032, 66.8742, 59.2898**.

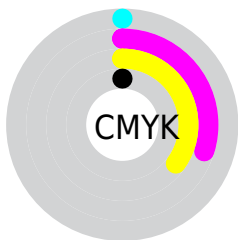
Distribution



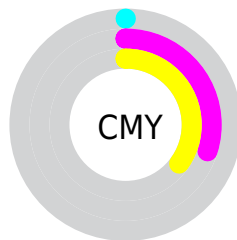
- Red (100%)
- Green (70%)
- Blue (65%)



- 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 64.3352, 56.2902, 44.0335 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 64.3352, 56.2902, 44.0335 by changing the saturation by 10% instead.


 64.3352, 56.2902,
44.0335


 64.3352, 56.2902,
44.0335


429.9822,
410.7842, 378.8903

 47.1849, 40.4356,
30.3595


 110.1646, 99.4288,
82.5712

 33.3904, 27.8784,
19.8572


 139.5744,
127.4815, 108.2719

 22.5864, 18.2340,
12.1083


173.8014,
160.3692, 138.8185

 14.4074, 11.1181,
6.6940

213.2110,
198.4761, 174.6297

 8.4881, 6.1463,
3.1960

258.1685,
242.1867, 216.1239

 4.4633, 2.9343,
1.1955

309.0393,

 1.9674, 1.0975,

291.8853, 263.7198

0.0000

366.1887,
347.9563, 317.8357

■ 0.6156, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3352, 56.2902,
44.0335

■ 64.3352, 56.2902,
44.0335

■ 58.1396, 47.3070,
31.4622

■ 71.7032, 66.8742,
59.2898

■ 53.0514, 39.8389,
21.4170

■ 80.2958, 79.1235,
77.3710

■ 49.0056, 33.8042,
13.7271

■ 90.1671, 93.1086,
98.4110

■ 45.9286, 29.1104,
8.1994

95.0500, 100.0000,
108.9000

■ 43.7366, 25.6538,
4.6098

■ 42.3310, 23.3151,
2.6847

■ 41.8348, 22.4496,
2.1283

Harmonies

Analogous

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



66.6086, 56.2902, 59.2636



64.3352, 56.2902, 44.0335



59.1511, 56.2902, 35.0930

Triad

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



64.3352, 56.2902, 44.0335



43.3342, 56.2902, 46.9431



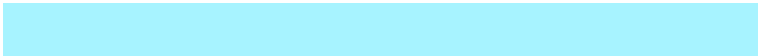
54.2210, 56.2902, 103.1349

Complementary

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



64.3352, 56.2902, 44.0335



66.0358, 79.5339, 106.4789

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.



48.2248, 56.2902, 98.0684



64.3352, 56.2902, 44.0335



42.2387, 56.2902, 63.3630

Square

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



64.3352, 56.2902, 44.0335



47.0774, 56.2902, 36.5254



43.9590, 56.2902, 82.5530



60.4864, 56.2902, 95.2911

Rectangle

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



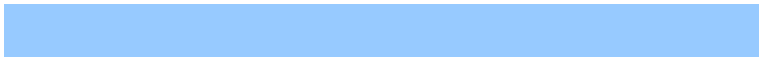
64.3352, 56.2902, 44.0335



54.9216, 56.2902, 32.7555



43.9590, 56.2902, 82.5530



52.1074, 56.2902, 102.8900

Sweetspot

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



64.3366, 56.2928, 44.0346



84.5857, 85.2109, 86.4845



71.2770, 55.3852, 91.9392



17.8126, 17.8244, 17.8893



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.



64.3366, 56.2928, 44.0346



60.1848, 50.2834, 35.5781



74.5318, 76.6833, 47.4330



18.2092, 18.3865, 18.7336



21.9202, 11.8516, 1.1323



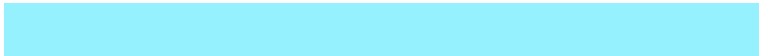
2.1925, 1.2704, 0.1297

Inverse Universe

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



66.0358, 79.5339, 106.4789



62.0882, 76.5018, 106.1017



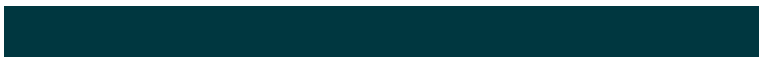
54.4717, 56.4057, 102.6242



18.3311, 20.0338, 23.1507



22.9154, 30.7403, 54.1603



2.2870, 3.1047, 5.2920

Previews

White Background



This preview shows how the XYZ color 64.3352, 56.2902, 44.0335 looks on a white background.

Color Contrast Check

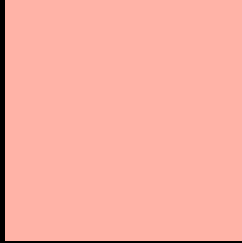
Large Text (above 18pt) WCAG AA × Fail

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 64.3352, 56.2902, 44.0335 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 64.3352, 56.2902, 44.0335

Background



This preview shows how black text looks on a background with the XYZ color 64.3352, 56.2902, 44.0335.



This preview shows how white text looks on a background with the XYZ color 64.3352, 56.2902,

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

64.3352, 56.2902, 44.0335

Protanopia

53.7627, 56.7882, 49.2019

Deuteranopia

57.7354, 56.6362, 43.4862



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

64.3352, 56.2902, 44.0335

Protanomaly

56.9141, 56.1260, 47.3689

Deuteranomaly

59.9132, 56.4710, 43.8186

Tritanomaly

65.5009, 56.4370, 51.1572

Monochromacy



Original Color

64.3352, 56.2902, 44.0335

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 64.3352, 56.2902, 44.0335 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 167) }
```

Border

The CSS property to change the border of an element to XYZ 64.3352, 56.2902, 44.0335 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, 167) }
```


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

```
.border{ border-color:rgb(255, 179, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3352, 56.2902, 44.0335 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
179, 167) }
```

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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