

Converting Colors

XYZ(68.8903, 62.1059, 55.7089)

Have a look what the booklet for
XYZ(68.8903, 62.1059, 55.7089)
contains.

XYZ(68.9479, 62.1524, 55.9396)	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(68.9479, 62.1524,
55.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBC
RGB	255, 191, 188
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2510, 0.2627
CMYK	0.00, 0.25, 0.26, 0.00
HSL	3°, 100%, 87%
HSV	3°, 26%, 100%
XYZ	68.9479, 62.1524, 55.9396
YIQ	209.7940, 39.1070, 12.6350

Conversions

Conversions Part 2

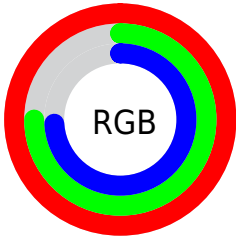
Format	Color
R _Y B	255, 191, 188
Decimal	16760764
CIE Lab	82.99, 22.56, 10.50
CIE LCh	83, 24.882, 24.952
Yxy	62.1524, 0.3686, 0.3323
Android (android.graphics.Color)	4294950844 (0xFFFFBFBC)
YUV	209.7940, -10.7444, 39.6457
Hunter-Lab	78.8368, 18.1455, 13.1158

Details

The XYZ color **68.9479, 62.1524, 55.9396** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5983, 87.5293, 107.6235**, and the grayscale version is **61.1750, 64.3609, 70.0890**.

A 20% lighter version of the original color is **91.1365, 94.9265, 99.1072**, and **36.3448, 31.5109, 27.0883** is the 20% darker color. If you saturate the color by 10%, you get **61.5609, 51.3958, 41.0923**, and if you desaturate by 10%, it is **77.7069, 74.8753, 73.6418**.

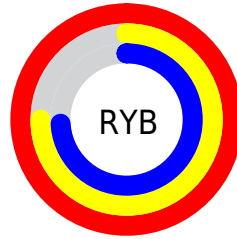
Distribution



Red (100%)

Green (75%)

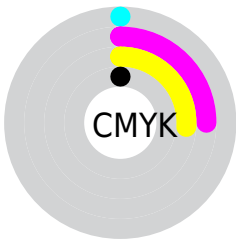
Blue (74%)



Red (100%)

Yellow (75%)

Blue (74%)

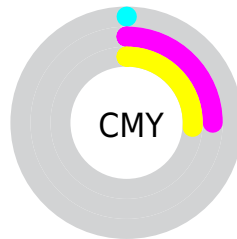


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9479, 62.1524, 55.9396 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 68.9479, 62.1524, 55.9396 by changing the saturation by 10% instead.


 68.9479, 62.1524,
55.9396

 68.9479, 62.1524,
55.9396


446.1714,
432.4868, 426.8458

 50.9458, 45.1559,
39.7508


 116.7416,
107.9458, 100.4012

 36.3863, 31.5802,
27.0320


147.2639,
137.5114, 129.5111

 24.9042, 21.0411,
17.3646


182.6904,
172.0354, 163.7651

 16.1340, 13.1540,
10.3301

223.3862,
211.9024, 203.5817

 9.7105, 7.5347,
5.5099

269.7169,
257.4966, 249.3796

 5.2682, 3.7987,
2.4855


322.0478,


 2.4419, 1.5616,


309.2025, 301.5772


0.8325


380.7442,
367.4044, 360.5931


 0.8660, 0.3315,
0.0000


 0.0000, 0.0000,
0.0000


 68.9479, 62.1524,
55.9396


 68.9479, 62.1524,
55.9396

 61.5609, 51.3958,
41.0923


 77.7069, 74.8753,
73.6418

 55.4722, 42.4996,
28.9470

 87.8976, 89.6469,
94.3333

 50.6080, 35.3608,
19.3421

95.0500, 100.0000,
108.9000

 46.8853, 29.8630,
12.0974

■ 44.2109, 25.8755,
7.0091

■ 42.4768, 23.2481,
3.8388

■ 41.5513, 21.7994,
2.2905

■ 41.3647, 21.5095,
1.9716

Harmonies

Analogous

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



69.9779, 62.1524, 70.3110



68.9479, 62.1524, 55.9396



65.2096, 62.1524, 46.2199

Triad

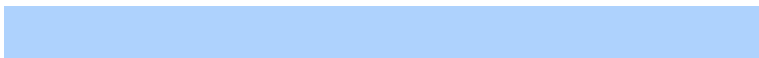
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.9479, 62.1524, 55.9396



51.0109, 62.1524, 52.0603



58.1694, 62.1524, 101.6442

Complementary

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



68.9479, 62.1524, 55.9396



73.5983, 87.5293, 107.6235

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.



53.3359, 62.1524, 94.9107



68.9479, 62.1524, 55.9396



49.3660, 62.1524, 65.1026

Square

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



68.9479, 62.1524, 55.9396



54.8206, 62.1524, 44.2296



50.1909, 62.1524, 80.9430



63.5419, 62.1524, 98.2109

Rectangle

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



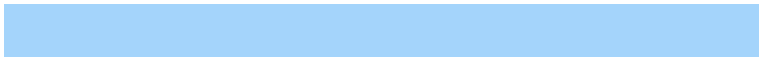
68.9479, 62.1524, 55.9396



61.7979, 62.1524, 42.9263



50.1909, 62.1524, 80.9430



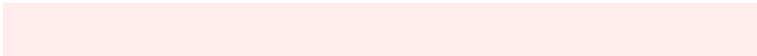
56.4314, 62.1524, 100.4683

Sweetspot

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



68.9494, 62.1552, 55.9409



86.0336, 86.9470, 90.5426



76.9160, 64.3040, 101.0918



18.0747, 18.1176, 18.6887



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.



68.9494, 62.1552, 55.9409



64.5555, 55.7605, 47.0988



76.9015, 78.0593, 58.5915



18.0747, 18.1176, 18.6887



21.6419, 11.2950, 1.0395



2.1292, 1.1437, 0.1085

Inverse Universe

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



73.5983, 87.5293, 107.6235



69.9758, 85.3571, 107.3952



64.1907, 68.7142, 104.4877



18.4809, 20.3335, 23.2007



26.2975, 37.5047, 55.2877



2.5812, 3.6932, 5.3901

Previews

White Background



This preview shows how the XYZ color 68.9479, 62.1524, 55.9396 looks on a white background.

Color Contrast Check

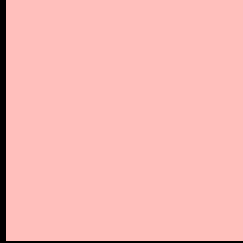
Large Text (above 18pt) WCAG AA × Fail

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 68.9479, 62.1524, 55.9396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

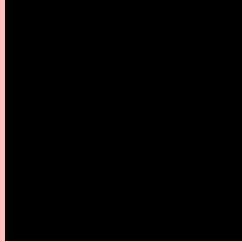
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9479, 62.1524, 55.9396

Background



This preview shows how black text looks on a background with the XYZ color 68.9479, 62.1524, 55.9396.



This preview shows how white text looks on a background with the XYZ color 68.9479, 62.1524,

55.9396.

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

68.9479, 62.1524, 55.9396

Protanopia

59.4757, 62.2743, 61.1100

Deuteranopia

63.7782, 62.5159, 55.1597



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

68.9479, 62.1524, 55.9396

Protanomaly

62.5072, 62.1175, 59.1475

Deuteranomaly

65.5538, 62.3976, 55.6026

Tritanomaly

69.8465, 62.1641, 61.7436

Monochromacy



Original Color

68.9479, 62.1524, 55.9396

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3806, 63.1449, 64.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9479, 62.1524, 55.9396 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, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 188)  
}
```

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, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 188) }
```

Border

The CSS property to change the border of an element to XYZ 68.9479, 62.1524, 55.9396 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, 191, 188) }
```


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

```
.border{ border-color:rgb(255, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 188); box-shadow:4px 4px 4px 4px rgb(255, 191, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9479, 62.1524, 55.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 188) }
```

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

```
.background{ background-color: rgb(255,  
191, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor