

Converting Colors

XYZ(62.0030, 56.2543, 39.9253)

Have a look what the booklet for
XYZ(62.0030, 56.2543, 39.9253)
contains.

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Color

**XYZ(62.1720, 56.4753,
39.9718)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B79E
RGB	249, 183, 158
RGB Percent	98%, 72%, 62%
CMY	0.0235, 0.2823, 0.3804
CMYK	0.00, 0.27, 0.37, 0.02
HSL	16°, 88%, 80%
HSV	16°, 37%, 98%
XYZ	62.1720, 56.4753, 39.9718
YIQ	199.8840, 47.3610, 6.2170

Conversions

Conversions Part 2

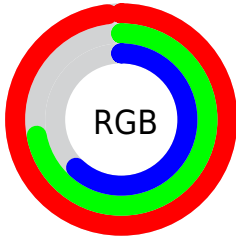
Format	Color
R _Y B	249, 192, 158
Decimal	16365470
CIE Lab	79.88, 20.74, 22.11
CIE LCh	80, 30.316, 46.830
Yxy	56.4753, 0.3920, 0.3560
Android (android.graphics.Color)	4294555550 (0xFFFF9B79E)
YUV	199.8840, -20.6488, 43.0747
Hunter-Lab	75.1500, 16.1613, 21.0691

Details

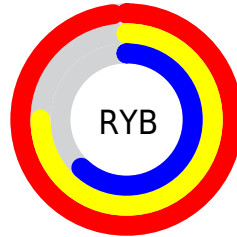
The XYZ color **62.1720, 56.4753, 39.9718** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8542, 67.4178, 99.5864**, and the grayscale version is **54.9322, 57.7930, 62.9365**.

A 20% lighter version of the original color is **84.1167, 87.7971, 75.4639**, and **32.1223, 28.1032, 17.6413** is the 20% darker color. If you saturate the color by 10%, you get **56.7535, 48.7276, 28.6413**, and if you desaturate by 10%, it is **68.5056, 65.3578, 53.7508**.

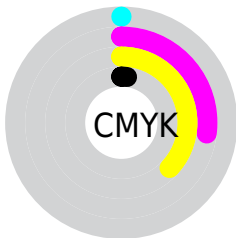
Distribution



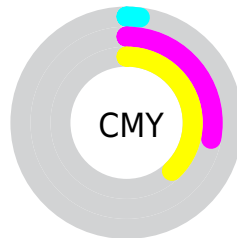
- Red (98%)
- Green (72%)
- Blue (62%)



- Red (98%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1720, 56.4753, 39.9718 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 62.1720, 56.4753, 39.9718 by changing the saturation by 10% instead.


 62.1720, 56.4753,
39.9718


 62.1720, 56.4753,
39.9718


422.2658,
411.4803, 361.5533

 45.4278, 40.5841,
27.2029


 107.0626, 99.6992,
76.3572

 31.9972, 27.9943,
17.4919


 135.9398,
127.8007, 100.8108

 21.5149, 18.3213,
10.4202


169.5919,
160.7411, 129.9964

 13.6155, 11.1809,
5.5692

208.3845,
198.9047, 164.3325

 7.9337, 6.1887,
2.5204

252.6828,
242.6761, 204.2378

 4.1040, 2.9601,
0.8510

302.8522,

 1.7611, 1.1110,

292.4396, 250.1306

0.0000

359.2581,
348.5795, 302.4296

0.4941, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

62.1720, 56.4753,
39.9718

62.1720, 56.4753,
39.9718

56.7535, 48.7276,
28.6413

68.5056, 65.3578,
53.7508

52.2012, 42.0601,
19.6108

75.7912, 75.4109,
70.1078

48.4682, 36.4253,
12.7210

84.0688, 86.6787,
89.1673

45.5008, 31.7690,
7.7906

92.8770, 98.8798,
108.7983

■ 43.2381, 28.0314,
4.6077

■ 41.6071, 25.1446,
2.9074

■ 41.1596, 24.3250,
2.5259

Harmonies

Analogous

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



65.7969, 56.4753, 52.2079



62.1720, 56.4753, 39.9718



56.4146, 56.4753, 34.0837

Triad

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



62.1720, 56.4753, 39.9718



42.9783, 56.4753, 54.1019



57.1713, 56.4753, 99.8889

Complementary

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



62.1720, 56.4753, 39.9718



57.8542, 67.4178, 99.5864

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.



51.0315, 56.4753, 100.6638



62.1720, 56.4753, 39.9718



43.1469, 56.4753, 71.8162

Square

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



62.1720, 56.4753, 39.9718



45.5157, 56.4753, 41.1294



45.9953, 56.4753, 89.6121



62.7623, 56.4753, 87.6623

Rectangle

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



62.1720, 56.4753, 39.9718



52.2855, 56.4753, 33.6472



45.9953, 56.4753, 89.6121



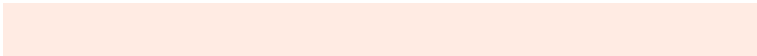
55.0952, 56.4753, 101.5688

Sweetspot

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



62.1735, 56.4780, 39.9729



84.7086, 86.0241, 84.7765



64.8484, 50.0158, 77.2801



17.8777, 18.0677, 17.5624



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.



62.1735, 56.4780, 39.9729



61.2475, 53.3666, 32.9799



72.9181, 77.9672, 43.5545



17.6327, 18.0013, 18.0076



22.1333, 13.2232, 1.3858



2.1344, 1.3937, 0.1565

Inverse Universe

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



57.8542, 67.4178, 99.5864



56.0444, 66.4443, 104.4789



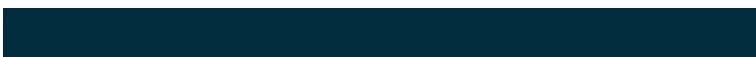
47.3669, 46.4432, 96.0906



17.3389, 18.7547, 22.0915



18.0770, 21.5095, 51.1725



1.7627, 2.1691, 4.7690

Previews

White Background



This preview shows how the XYZ color 62.1720, 56.4753, 39.9718 looks on a white background.

Color Contrast Check

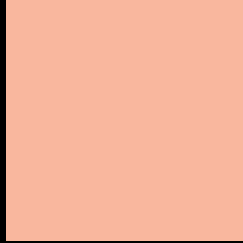
Large Text (above 18pt) WCAG AA × Fail

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 62.1720, 56.4753, 39.9718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

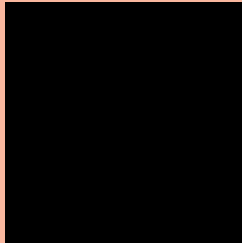
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1720, 56.4753, 39.9718

Background



This preview shows how black text looks on a background with the XYZ color 62.1720, 56.4753, 39.9718.



This preview shows how white text looks on a background with the XYZ color 62.1720, 56.4753,

39.9718.

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

62.1720, 56.4753, 39.9718

Protanopia

53.2801, 56.6601, 43.7256

Deuteranopia

57.7780, 56.4170, 39.7426



Tritanopia

65.5797, 56.3420, 57.2878

Trichromacy



Original Color

62.1720, 56.4753, 39.9718

Protanomaly

56.3320, 56.5959, 42.1375

Deuteranomaly

59.1160, 56.1521, 39.6210

Tritanomaly

64.3431, 56.4470, 50.6841

Monochromacy



Original Color

62.1720, 56.4753, 39.9718

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9622, 56.9918, 53.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1720, 56.4753, 39.9718 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(249, 183, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 183, 158)  
}
```

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(249, 183, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 183, 158) }
```

Border

The CSS property to change the border of an element to XYZ 62.1720, 56.4753, 39.9718 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(249, 183, 158) }
```


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

```
.border{ border-color:rgb(249, 183, 158) }
```

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

Here you see how a box with a 4 pixel rgb(249, 183, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 183, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 183, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 183,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1720, 56.4753, 39.9718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 183, 158) }
```

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

```
.background{ background-color: rgb(249,  
183, 158) }
```

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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