

Converting Colors

XYZ(116.1141, 83.5426,
38.1400)

Have a look what the booklet for
XYZ(116.1141, 83.5426, 38.1400)
contains.

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Color

**XYZ(62.9066, 56.0406,
35.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB494
RGB	255, 180, 148
RGB Percent	100%, 71%, 58%
CMY	0.0000, 0.2941, 0.4196
CMYK	0.00, 0.29, 0.42, 0.00
HSL	18°, 100%, 79%
HSV	18°, 42%, 100%
XYZ	62.9066, 56.0406, 35.5184
YIQ	198.7770, 54.9720, 5.9480

Conversions

Conversions Part 2

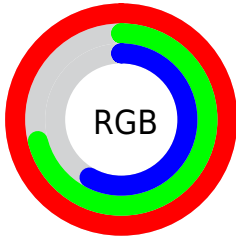
Format	Color
R_{YB}	255, 194, 148
Decimal	16757908
CIE _{Lab}	79.64, 23.51, 27.21
CIE _{LCh}	80, 35.961, 49.180
Yxy	56.0406, 0.4073, 0.3628
Android (android.graphics.Color)	4294947988 (0xFFFFB494)
YUV	198.7770, -25.0331, 49.3076
Hunter-Lab	74.8603, 18.9917, 24.2713

Details

The XYZ color **62.9066, 56.0406, 35.5184** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6494, 66.2888, 104.4170**, and the grayscale version is **54.2756, 57.1022, 62.1843**.

A 20% lighter version of the original color is **81.8961, 85.5152, 68.0668**, and **32.5120, 27.7776, 14.9573** is the 20% darker color. If you saturate the color by 10%, you get **57.7280, 48.5655, 24.9072**, and if you desaturate by 10%, it is **68.9979, 64.6295, 48.6283**.

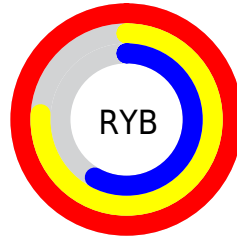
Distribution



Red (100%)

Green (71%)

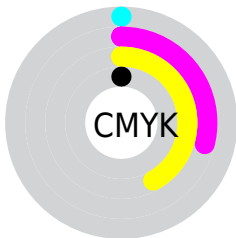
Blue (58%)



Red (100%)

Yellow (76%)

Blue (58%)

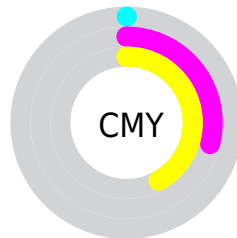


Cyan (0%)

Magenta (29%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9066, 56.0406, 35.5184 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 62.9066, 56.0406, 35.5184 by changing the saturation by 10% instead.

 62.9066, 56.0406,
35.5184


 62.9066, 56.0406,
35.5184


424.8955,
409.8445, 341.8242

 46.0240, 40.2355,
23.7757


 108.1173, 99.0639,
69.4487

 32.4695, 27.7222,
14.9567


 137.1762,
127.0509, 92.4735

 21.8776, 18.1163,
8.6427


171.0245,
159.8674, 120.0960

 13.8831, 11.0336,
4.4153


210.0276,
197.8976, 152.7348

 8.1206, 6.0894,
1.8558

254.5509,
241.5260, 190.8085

 4.2246, 2.8995,
0.4644

304.9598,

 1.8300, 1.0795,

291.1370, 234.7356

0.0000

361.6195,
347.1151, 284.9347

■ 0.5356, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9066, 56.0406,
35.5184

■ 62.9066, 56.0406,
35.5184

■ 57.7280, 48.5655,
24.9072

■ 68.9979, 64.6295,
48.6283

■ 53.4106, 42.1489,
16.6302

■ 76.0413, 74.3682,
64.3805

■ 49.9042, 36.7427,
10.5078

■ 84.0786, 85.3010,
82.9116

■ 47.1503, 32.2916,
6.3327

■ 93.1482, 97.4674,
104.3475

■ 45.0815, 28.7337, 95.0500, 100.0000,
3.8556 108.9000

■ 43.8434, 26.4668,
2.7978

Harmonies

Analogous

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



67.5455, 56.0406, 48.8197



62.9066, 56.0406, 35.5184



55.9248, 56.0406, 29.6058

Triad

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



62.9066, 56.0406, 35.5184



40.7126, 56.0406, 53.8271



57.9773, 56.0406, 107.0254

Complementary

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



62.9066, 56.0406, 35.5184



56.6494, 66.2888, 104.4170

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.



50.6908, 56.0406, 109.2314



62.9066, 56.0406, 35.5184



41.1539, 56.0406, 75.0973

Square

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



62.9066, 56.0406, 35.5184



43.3967, 56.0406, 38.4656



44.6625, 56.0406, 96.4917



64.5259, 56.0406, 91.0125

Rectangle

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



62.9066, 56.0406, 35.5184



51.0717, 56.0406, 29.4836



44.6625, 56.0406, 96.4917



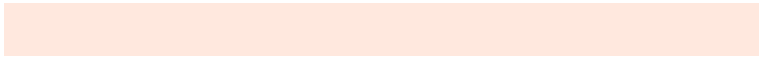
55.5200, 56.0406, 109.5240

Sweetspot

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



62.9080, 56.0433, 35.5195



83.1954, 84.1073, 80.8513



65.3777, 47.8593, 76.8002



17.4138, 17.4695, 16.3917



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.



62.9080, 56.0433, 35.5195



58.6738, 49.9461, 26.7981



75.3906, 81.0084, 39.6804



18.4522, 18.8726, 18.8146



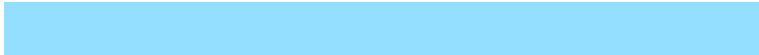
23.0221, 14.0554, 1.4996



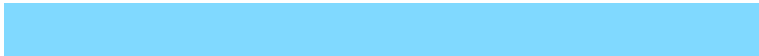
2.3322, 1.5497, 0.1762

Inverse Universe

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



56.6494, 66.2888, 104.4170



51.6546, 61.3255, 103.7223



44.8609, 42.7117, 100.4875



18.0692, 19.5101, 23.0634



17.9627, 20.8350, 52.5094



1.8446, 2.2199, 5.1445

Previews

White Background



This preview shows how the XYZ color 62.9066, 56.0406, 35.5184 looks on a white background.

Color Contrast Check

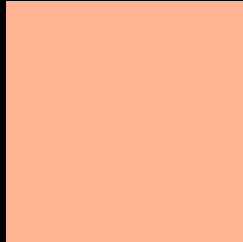
Large Text (above 18pt) WCAG AA × Fail

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 62.9066, 56.0406, 35.5184 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 62.9066, 56.0406, 35.5184

Background



This preview shows how black text looks on a background with the XYZ color 62.9066, 56.0406, 35.5184.



This preview shows how white text looks on a background with the XYZ color 62.9066, 56.0406,

35.5184.

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

62.9066, 56.0406, 35.5184

Protanopia

52.5453, 56.0344, 39.4988

Deuteranopia

57.5334, 56.3947, 35.0470



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

62.9066, 56.0406, 35.5184

Protanomaly

55.7446, 55.7303, 37.9560

Deuteranomaly

59.4433, 56.1016, 35.2995

Tritanomaly

64.5050, 55.7214, 46.8907

Monochromacy



Original Color

62.9066, 56.0406, 35.5184

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3013, 56.0546, 51.0322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9066, 56.0406, 35.5184 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, 180, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 148)  
}
```

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, 180, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 148) }
```

Border

The CSS property to change the border of an element to XYZ 62.9066, 56.0406, 35.5184 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, 180, 148) }
```


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

```
.border{ border-color:rgb(255, 180, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9066, 56.0406, 35.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 148) }
```

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

```
.background{ background-color: rgb(255,  
180, 148) }
```

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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