

Converting Colors

XYZ(64.4137, 56.9055, 30.9497)

Have a look what the booklet for
XYZ(64.4137, 56.9055, 30.9497)
contains.

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Color

**XYZ(62.0052, 55.6801,
30.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB488
RGB	255, 180, 136
RGB Percent	100%, 71%, 53%
CMY	0.0000, 0.2941, 0.4667
CMYK	0.00, 0.29, 0.47, 0.00
HSL	22°, 100%, 77%
HSV	22°, 47%, 100%
XYZ	62.0052, 55.6801, 30.7719
YIQ	197.4090, 58.8240, 2.2160

Conversions

Conversions Part 2

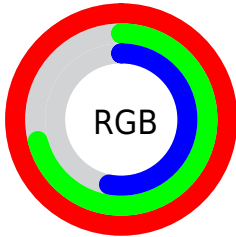
Format	Color
R_{YB}	255, 206, 136
Decimal	16757896
CIE _{Lab}	79.43, 22.30, 33.29
CIE _{LCh}	79, 40.068, 56.180
Yxy	55.6801, 0.4177, 0.3751
Android (android.graphics.Color)	4294947976 (0xFFFFB488)
YUV	197.4090, -30.2746, 50.5073
Hunter-Lab	74.6191, 17.7422, 27.7830

Details

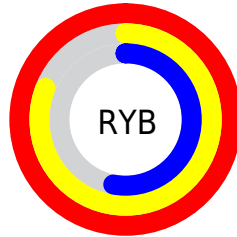
The XYZ color **62.0052, 55.6801, 30.7719** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4965, 59.0403, 103.2892**, and the grayscale version is **53.4720, 56.2567, 61.2635**.

A 20% lighter version of the original color is **80.5297, 84.9686, 60.8714**, and **32.0340, 27.5864, 12.4404** is the 20% darker color. If you saturate the color by 10%, you get **57.3459, 48.9249, 21.3165**, and if you desaturate by 10%, it is **67.4746, 63.3655, 42.6251**.

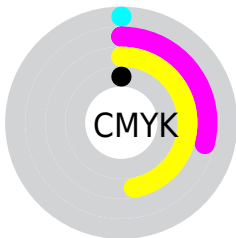
Distribution



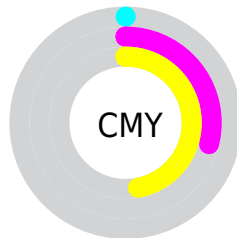
- Red (100%)
- Green (71%)
- Blue (53%)



- Red (100%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0052, 55.6801, 30.7719 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 62.0052, 55.6801, 30.7719 by changing the saturation by 10% instead.


 62.0052, 55.6801,
30.7719


 62.0052, 55.6801,
30.7719


421.6673,
408.4848, 319.8047


 45.2925, 39.9465,
20.1682


 106.8229, 98.5367,
61.9561

 31.8902, 27.4968,
12.3321


 135.6587,
126.4285, 83.3738

 21.4328, 17.9467,
6.8450


 169.2662,
159.1418, 109.2331

 13.5550, 10.9117,
3.2884

208.0108,
197.0610, 139.9527

 7.8914, 6.0075,
1.2437

252.2579,
240.5705, 175.9512

 4.0768, 2.8496,
0.0150

302.3727,

 1.7457, 1.0537,

290.0547, 217.6469

0.0000

358.7208,
345.8980, 265.4586

■ 0.4846, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0052, 55.6801,
30.7719

■ 62.0052, 55.6801,
30.7719

■ 57.3459, 48.9249,
21.3165

■ 67.4746, 63.3655,
42.6251

■ 53.4486, 43.0538,
14.0879

■ 73.7900, 72.0084,
57.0246

■ 50.2660, 38.0283,
8.8971

■ 80.9902, 81.6452,
74.1102

■ 47.7425, 33.8032,
5.5219

■ 89.1100, 92.3076,
94.0108

■ 45.8107, 30.3270, 95.0499, 99.9999,
3.6834 108.9000

■ 45.2691, 29.3184,
3.2731

Harmonies

Analogous

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



68.0496, 55.6801, 43.1096



62.0052, 55.6801, 30.7719



53.9594, 55.6801, 26.3015

Triad

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



62.0052, 55.6801, 30.7719



38.9425, 55.6801, 57.7228



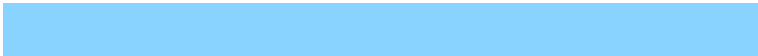
60.0428, 55.6801, 109.6932

Complementary

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



62.0052, 55.6801, 30.7719



51.4965, 59.0403, 103.2892

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.



51.8985, 55.6801, 116.4269



62.0052, 55.6801, 30.7719



40.2214, 55.6801, 82.3417

Square

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



62.0052, 55.6801, 30.7719



41.0856, 55.6801, 39.1645



44.7727, 55.6801, 105.3695



66.8384, 55.6801, 88.7707

Rectangle

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



62.0052, 55.6801, 30.7719



48.7288, 55.6801, 27.2619



44.7727, 55.6801, 105.3695



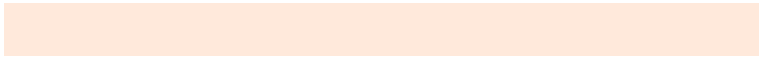
57.3497, 55.6801, 113.8873

Sweetspot

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



62.0066, 55.6828, 30.7730



83.0638, 84.3864, 79.1354



61.8483, 43.5904, 67.0236



17.4188, 17.5861, 16.0644



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.



62.0066, 55.6828, 30.7730



57.6322, 49.3471, 21.8751



76.5895, 84.8487, 35.6340



18.5595, 19.0872, 18.8503



23.7845, 15.5802, 1.7537



2.4161, 1.7175, 0.2042

Inverse Universe

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



51.4965, 59.0403, 103.2892



45.9234, 53.0096, 102.4192



39.4104, 34.8681, 99.2605



17.9572, 19.2859, 23.0261



16.2115, 17.3325, 51.9257



1.6830, 1.8968, 5.0907

Previews

White Background



This preview shows how the XYZ color 62.0052, 55.6801, 30.7719 looks on a white background.

Color Contrast Check

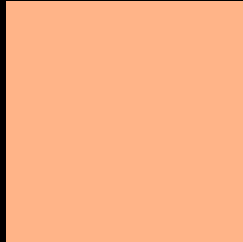
Large Text (above 18pt) WCAG AA × Fail

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 62.0052, 55.6801, 30.7719 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 62.0052, 55.6801, 30.7719

Background



This preview shows how black text looks on a background with the XYZ color 62.0052, 55.6801, 30.7719.



This preview shows how white text looks on a background with the XYZ color 62.0052, 55.6801,

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

62.0052, 55.6801, 30.7719

Protanopia

52.0756, 55.9127, 34.0342

Deuteranopia

57.0927, 55.9493, 30.3444



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

62.0052, 55.6801, 30.7719

Protanomaly

55.3593, 55.6490, 32.6345

Deuteranomaly

58.8942, 55.9218, 30.6116

Tritanomaly

64.0300, 55.5314, 44.3897

Monochromacy



Original Color

62.0052, 55.6801, 30.7719

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.2821, 55.2622, 48.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0052, 55.6801, 30.7719 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 136) }
```

Border

The CSS property to change the border of an element to XYZ 62.0052, 55.6801, 30.7719 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, 136) }
```


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

```
.border{ border-color:rgb(255, 180, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0052, 55.6801, 30.7719 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
180, 136) }
```

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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