

Converting Colors

XYZ(62.6142, 55.5643, 35.0869)

Have a look what the booklet for
XYZ(62.6142, 55.5643, 35.0869)
contains.

XYZ(62.6266, 55.6068, 35.0362)	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(62.6266, 55.6068,
35.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB393
RGB	255, 179, 147
RGB Percent	100%, 70%, 58%
CMY	0.0000, 0.2980, 0.4235
CMYK	0.00, 0.30, 0.42, 0.00
HSL	18°, 100%, 79%
HSV	18°, 42%, 100%
XYZ	62.6266, 55.6068, 35.0362
YIQ	198.0760, 55.5680, 6.1600

Conversions

Conversions Part 2

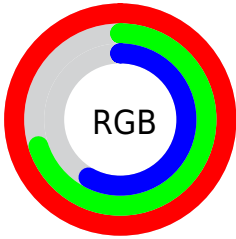
Format	Color
R _Y B	255, 192, 147
Decimal	16757651
CIE Lab	79.39, 23.93, 27.41
CIE LCh	79, 36.386, 48.886
Yxy	55.6068, 0.4086, 0.3628
Android (android.graphics.Color)	4294947731 (0xFFFFB393)
YUV	198.0760, -25.1805, 49.9223
Hunter-Lab	74.5700, 19.4134, 24.3420

Details

The XYZ color **62.6266, 55.6068, 35.0362** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4692, 66.1958, 104.4085**, and the grayscale version is **53.8486, 56.6529, 61.6950**.

A 20% lighter version of the original color is **81.4909, 84.8937, 67.3494**, and **32.3371, 27.5020, 14.6704** is the 20% darker color. If you saturate the color by 10%, you get **57.4780, 48.1648, 24.5182**, and if you desaturate by 10%, it is **68.6895, 64.1676, 48.0480**.

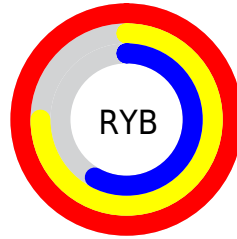
Distribution



Red (100%)

Green (70%)

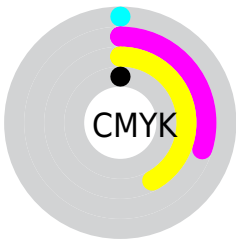
Blue (58%)



Red (100%)

Yellow (75%)

Blue (58%)

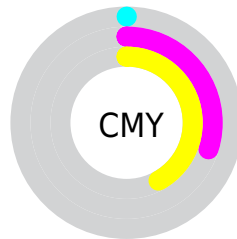


Cyan (0%)

Magenta (30%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6266, 55.6068, 35.0362 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 62.6266, 55.6068, 35.0362 by changing the saturation by 10% instead.


 62.6266, 55.6068,
35.0362


 62.6266, 55.6068,
35.0362


423.8943,
408.2080, 339.6372

 45.7967, 39.8878,
23.4070


 107.7155, 98.4294,
68.6941

 32.2894, 27.4510,
14.6862


 136.7052,
126.3018, 91.5598

 21.7392, 17.9123,
8.4553


170.4788,
158.9941, 119.0081

 13.7810, 10.8870,
4.2957

209.4018,
196.8907, 151.4575

 8.0492, 5.9909,
1.7889

253.8395,
240.3760, 189.3266

 4.1785, 2.8396,
0.4206

304.1573,

 1.8036, 1.0485,

289.8344, 233.0339

0.0000

360.7204,
345.6503, 282.9979

■ 0.5198, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6266, 55.6068,
35.0362

■ 62.6266, 55.6068,
35.0362

■ 57.4780, 48.1648,
24.5182

■ 68.6895, 64.1676,
48.0480

■ 53.1919, 41.7856,
16.3286

■ 75.7064, 73.8836,
63.6979

■ 49.7175, 36.4207,
10.2872

■ 83.7195, 84.7999,
82.1227

■ 46.9958, 32.0137,
6.1851

■ 92.7674, 96.9561,
103.4489

■ 44.9585, 28.5020, 95.0500, 100.0000,
3.7707 108.9000

■ 43.7948, 26.3696,
2.7816

Harmonies

Analogous

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



67.2716, 55.6068, 48.4478



62.6266, 55.6068, 35.0362



55.6037, 55.6068, 29.0550

Triad

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



62.6266, 55.6068, 35.0362



40.2450, 55.6068, 53.1259



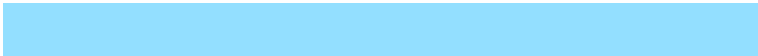
57.5259, 55.6068, 107.0834

Complementary

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



62.6266, 55.6068, 35.0362



56.4692, 66.1958, 104.4085

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.



50.1937, 55.6068, 109.1586



62.6266, 55.6068, 35.0362



40.6569, 55.6068, 74.5079

Square

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



62.6266, 55.6068, 35.0362



42.9702, 55.6068, 37.7796



44.1524, 55.6068, 96.1497



64.1447, 55.6068, 91.0015

Rectangle

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



62.6266, 55.6068, 35.0362



50.7146, 55.6068, 28.8890



44.1524, 55.6068, 96.1497



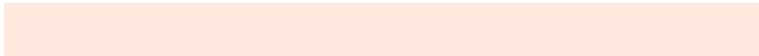
55.0499, 55.6068, 109.5609

Sweetspot

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



62.6280, 55.6095, 35.0373



83.1696, 84.0557, 80.8427



65.1829, 47.5315, 76.5450



17.4075, 17.4569, 16.3896



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.



62.6280, 55.6095, 35.0373



58.1228, 49.1081, 25.8007



75.2508, 80.8551, 39.2449



18.4480, 18.8643, 18.8132



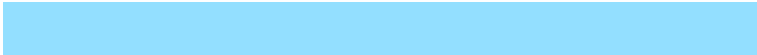
22.9960, 14.0032, 1.4909



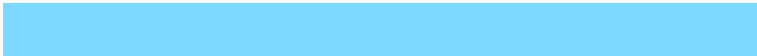
2.3292, 1.5437, 0.1752

Inverse Universe

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



56.4692, 66.1958, 104.4085



51.1740, 60.9240, 103.6701



44.5330, 42.3233, 100.4298



18.0736, 19.5189, 23.0649



18.0361, 20.9818, 52.5339



1.8513, 2.2333, 5.1468

Previews

White Background



This preview shows how the XYZ color 62.6266, 55.6068, 35.0362 looks on a white background.

Color Contrast Check

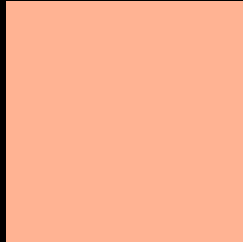
Large Text (above 18pt) WCAG AA × Fail

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 62.6266, 55.6068, 35.0362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

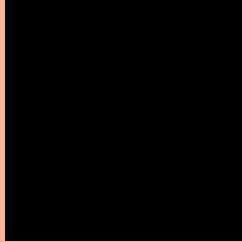
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6266, 55.6068, 35.0362

Background



This preview shows how black text looks on a background with the XYZ color 62.6266, 55.6068, 35.0362.



This preview shows how white text looks on a background with the XYZ color 62.6266, 55.6068,

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

62.6266, 55.6068, 35.0362

Protanopia

52.4610, 56.0007, 39.0546

Deuteranopia

56.9127, 55.7632, 34.5518



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

62.6266, 55.6068, 35.0362

Protanomaly

55.4450, 55.2627, 37.4503

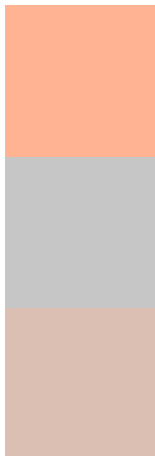
Deuteranomaly

58.8129, 55.4740, 34.8019

Tritanomaly

64.2117, 55.2892, 46.3173

Monochromacy



Original Color

62.6266, 55.6068, 35.0362

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9809, 55.5763, 50.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6266, 55.6068, 35.0362 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 147) }
```

Border

The CSS property to change the border of an element to XYZ 62.6266, 55.6068, 35.0362 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, 147) }
```


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

```
.border{ border-color:rgb(255, 179, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6266, 55.6068, 35.0362 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
179, 147) }
```

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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