

Converting Colors

XYZ(63.9518, 59.6696, 31.1238)

Have a look what the booklet for
XYZ(63.9518, 59.6696, 31.1238)
contains.

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Color

**XYZ(64.0266, 59.8362,
31.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE87
RGB	255, 190, 135
RGB Percent	100%, 75%, 53%
CMY	0.0000, 0.2549, 0.4706
CMYK	0.00, 0.25, 0.47, 0.00
HSL	28°, 100%, 76%
HSV	28°, 47%, 100%
XYZ	64.0266, 59.8362, 31.0966
YIQ	203.1650, 56.3950, -3.3250

Conversions

Conversions Part 2

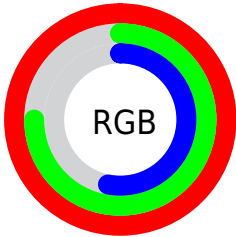
Format	Color
R_{YB}	255, 237, 135
Decimal	16760455
CIE _{Lab}	81.75, 16.97, 36.82
CIE _{LCh}	82, 40.548, 65.253
Yxy	59.8362, 0.4132, 0.3861
Android (android.graphics.Color)	4294950535 (0xFFFFBE87)
YUV	203.1650, -33.6053, 45.4593
Hunter-Lab	77.3539, 12.3771, 30.3129

Details

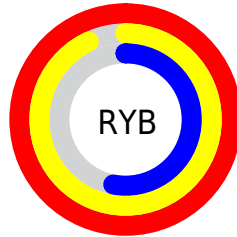
The XYZ color **64.0266, 59.8362, 31.0966** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.6949, 53.6771, 102.4016**, and the grayscale version is **57.0495, 60.0205, 65.3623**.

A 20% lighter version of the original color is **83.3811, 90.8457, 61.2844**, and **33.3108, 30.2672, 12.4740** is the 20% darker color. If you saturate the color by 10%, you get **59.5910, 53.5023, 21.7962**, and if you desaturate by 10%, it is **69.1786, 66.9148, 42.7580**.

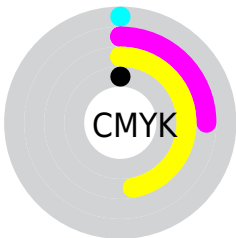
Distribution



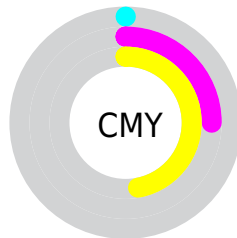
- Red (100%)
- Green (75%)
- Blue (53%)



- Red (100%)
- Yellow (93%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0266, 59.8362, 31.0966 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 64.0266, 59.8362, 31.0966 by changing the saturation by 10% instead.


 64.0266, 59.8362,
31.0966

 64.0266, 59.8362,
31.0966


428.8864,
423.9937, 321.3481


 46.9340, 43.2866,
20.4133


 109.7228,
104.5920, 62.4735

 33.1912, 30.1101,
12.5088


 139.0570,
133.5670, 84.0042

 22.4329, 19.9221,
6.9645


 173.2025,
167.4527, 109.9878

 14.2937, 12.3385,
3.3618

212.5247,
206.6333, 140.8428

 8.4083, 6.9746,
1.2822

257.3887,
251.4933, 176.9878

 4.4113, 3.4462,
0.0471

308.1602,

 1.9373, 1.3689,

302.4172, 218.8413

0.0000

365.2043,
359.7892, 266.8219

■ 0.5984, 0.1936,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0266, 59.8362,
31.0966

■ 64.0266, 59.8362,
31.0966

■ 59.5910, 53.5023,
21.7962

■ 69.1786, 66.9148,
42.7580

■ 55.8283, 47.8763,
14.6865

■ 75.0783, 74.7559,
56.9276

■ 52.6964, 42.9306,
9.5793

■ 81.7601, 83.3869,
73.7443

■ 50.1452, 38.6313,
6.2526

■ 89.2547, 92.8316,
93.3361

■ 48.1123, 34.9392, 95.0498, 99.9999,
4.4236 108.9000

■ 47.5880, 33.9563,
4.0461

Harmonies

Analogous

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



71.3624, 59.8362, 41.6038



64.0266, 59.8362, 31.0966



55.3824, 59.8362, 28.6470

Triad

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



64.0266, 59.8362, 31.0966



42.0386, 59.8362, 69.5525



66.8860, 59.8362, 111.5913

Complementary

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



64.0266, 59.8362, 31.0966



48.6949, 53.6771, 102.4016

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.



58.3892, 59.8362, 124.0940



64.0266, 59.8362, 31.0966



44.4901, 59.8362, 96.2376

Square

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



64.0266, 59.8362, 31.0966



43.2259, 59.8362, 47.3824



50.2722, 59.8362, 117.8690



73.1257, 59.8362, 86.8857

Rectangle

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



64.0266, 59.8362, 31.0966



50.1512, 59.8362, 31.2040



50.2722, 59.8362, 117.8690



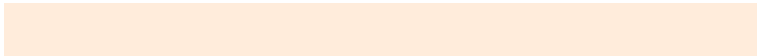
64.1690, 59.8362, 117.6084

Sweetspot

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



64.0281, 59.8391, 31.0978



83.9646, 86.1881, 79.4356



60.4467, 42.8054, 60.3351



17.6373, 18.0231, 16.1372



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.



64.0281, 59.8391, 31.0978



60.0280, 54.1388, 22.6737



79.4887, 90.7604, 36.2513



18.6954, 19.3589, 18.8956



25.0111, 18.0335, 2.1626



2.5430, 1.9713, 0.2465

Inverse Universe

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



48.6949, 53.6771, 102.4016



43.0722, 47.3071, 101.4688



37.5670, 31.4213, 98.6923



17.8182, 19.0079, 22.9797



14.3401, 13.5897, 51.3019



1.5056, 1.5418, 5.0315

Previews

White Background



This preview shows how the XYZ color 64.0266, 59.8362, 31.0966 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 64.0266, 59.8362, 31.0966 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 64.0266, 59.8362, 31.0966

Background



This preview shows how black text looks on a background with the XYZ color 64.0266, 59.8362, 31.0966.



This preview shows how white text looks on a background with the XYZ color 64.0266, 59.8362,

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

64.0266, 59.8362, 31.0966

Protanopia

55.6048, 59.8210, 33.4269

Deuteranopia

61.1264, 59.9845, 30.9107



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

64.0266, 59.8362, 31.0966

Protanomaly

58.3858, 59.5468, 32.4612

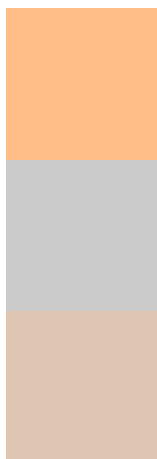
Deuteranomaly

62.0844, 59.8176, 30.8280

Tritanomaly

66.6503, 59.8566, 48.0850

Monochromacy



Original Color

64.0266, 59.8362, 31.0966

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.3542, 59.1321, 50.4575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0266, 59.8362, 31.0966 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, 190, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 135)  
}
```

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, 190, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 135) }
```

Border

The CSS property to change the border of an element to XYZ 64.0266, 59.8362, 31.0966 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, 190, 135) }
```


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

```
.border{ border-color:rgb(255, 190, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0266, 59.8362, 31.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 135) }
```

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

```
.background{ background-color: rgb(255,  
190, 135) }
```

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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