

Converting Colors

XYZ(91.2417, 76.1667, 32.9646)

Have a look what the booklet for
XYZ(91.2417, 76.1667, 32.9646)
contains.

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Color

**XYZ(65.5794, 62.9418,
31.6142)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC587
RGB	255, 197, 135
RGB Percent	100%, 77%, 53%
CMY	0.0000, 0.2274, 0.4706
CMYK	0.00, 0.23, 0.47, 0.00
HSL	31°, 100%, 76%
HSV	31°, 47%, 100%
XYZ	65.5794, 62.9418, 31.6142
YIQ	207.2740, 54.4700, -6.9860

Conversions

Conversions Part 2

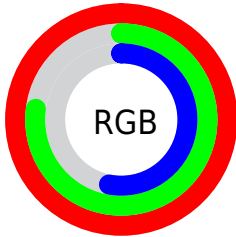
Format	Color
RYB	247, 255, 135
Decimal	16762247
CIELab	83.41, 13.32, 38.96
CIElCh	83, 41.179, 71.124
Yxy	62.9418, 0.4095, 0.3931
Android (android.graphics.Color)	4294952327 (0xFFFFC587)
YUV	207.2740, -35.6311, 41.8557
Hunter-Lab	79.3359, 8.7112, 31.9089

Details

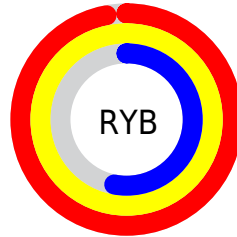
The XYZ color **65.5794, 62.9418, 31.6142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1107, 50.5086, 101.8735**, and the grayscale version is **59.6843, 62.7925, 68.3810**.

A 20% lighter version of the original color is **85.8671, 95.8177, 62.1131**, and **34.1876, 32.0208, 12.7662** is the 20% darker color. If you saturate the color by 10%, you get **61.3100, 56.9404, 22.3693**, and if you desaturate by 10%, it is **70.5106, 69.5788, 43.2021**.

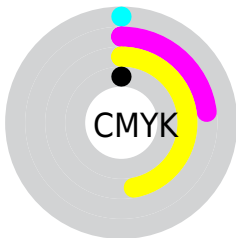
Distribution



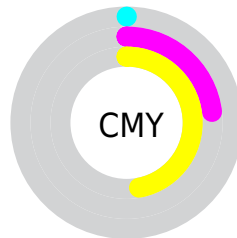
- Red (100%)
- Green (77%)
- Blue (53%)



- Red (97%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5794, 62.9418, 31.6142 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 65.5794, 62.9418, 31.6142 by changing the saturation by 10% instead.


 65.5794, 62.9418,
31.6142


 65.5794, 62.9418,
31.6142


434.3835,
435.3582, 323.7964


 48.1975, 45.7941,
20.8046


 111.9435,
109.0855, 63.2966

 34.1952, 32.0834,
12.7914


 141.6565,
138.8504, 85.0066

 23.2072, 21.4252,
7.1560

 176.2104,
173.5898, 111.1871

 14.8681, 13.4352,
3.4799

215.9708,
213.6881, 142.2566

 8.8126, 7.7289,
1.3446

261.3030,
259.5297, 178.6338

 4.6753, 3.9220,
0.0979

312.5722,

 2.0908, 1.6300,

311.4990, 220.7371

0.0000

370.1440,
369.9804, 268.9852

0.6842, 0.3777,
0.0000

0.0000, 0.0000,
0.0000

65.5794, 62.9418,
31.6142

65.5794, 62.9418,
31.6142

61.3100, 56.9404,
22.3693

70.5106, 69.5788,
43.2021

57.6612, 51.5421,
15.2975

76.1325, 76.8642,
57.2790

54.5934, 46.7245,
10.2116

82.4773, 84.8213,
73.9835

52.0592, 42.4593,
6.8906

89.5737, 93.4696,
93.4425

■ 49.9992, 38.7129, 95.0498, 99.9999,
5.0525 108.9000

■ 49.4590, 37.6982,
4.6697

Harmonies

Analogous

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



73.7797, 62.9418, 40.9090



65.5794, 62.9418, 31.6142



56.5580, 62.9418, 30.5935

Triad

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



65.5794, 62.9418, 31.6142



44.4466, 62.9418, 78.5115



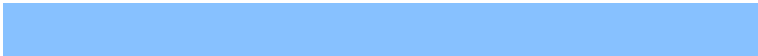
71.8998, 62.9418, 112.8817

Complementary

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



65.5794, 62.9418, 31.6142



47.1107, 50.5086, 101.8735

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.



63.2140, 62.9418, 129.3231



65.5794, 62.9418, 31.6142



47.7499, 62.9418, 106.4233

Square

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



65.5794, 62.9418, 31.6142



44.9435, 62.9418, 53.7626



54.4161, 62.9418, 126.7018



77.6731, 62.9418, 85.7874

Rectangle

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



65.5794, 62.9418, 31.6142



51.3448, 62.9418, 34.3486



54.4161, 62.9418, 126.7018



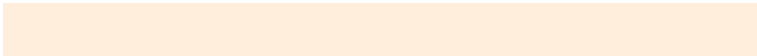
69.1895, 62.9418, 120.1102

Sweetspot

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



65.5809, 62.9448, 31.6154



84.5666, 87.3920, 79.6363



59.5298, 42.4387, 55.5065



17.7837, 18.3159, 16.1860



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.



65.5809, 62.9448, 31.6154



61.7320, 57.5467, 23.2417



80.6411, 94.1516, 36.8452



18.7857, 19.5396, 18.9257



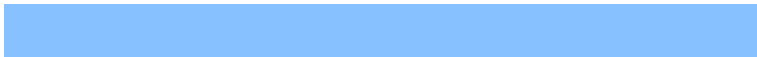
25.9938, 19.9988, 2.4901



2.6403, 2.1661, 0.2789

Inverse Universe

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



47.1107, 50.5086, 101.8735



41.3247, 43.8122, 100.8863



37.0310, 29.8670, 98.4205



17.7275, 18.8266, 22.9495



13.2958, 11.5012, 50.9538



1.4033, 1.3374, 4.9974

Previews

White Background



This preview shows how the XYZ color 65.5794, 62.9418, 31.6142 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 65.5794, 62.9418, 31.6142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

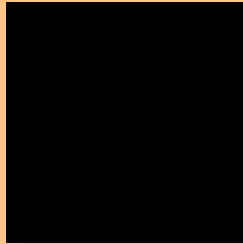
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5794, 62.9418, 31.6142

Background



This preview shows how black text looks on a background with the XYZ color 65.5794, 62.9418, 31.6142.



This preview shows how white text looks on a background with the XYZ color 65.5794, 62.9418,

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

65.5794, 62.9418, 31.6142

Protanopia

58.5801, 63.1446, 33.5267

Deuteranopia

64.2209, 62.9201, 31.6817



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

65.5794, 62.9418, 31.6142

Protanomaly

61.1054, 63.0252, 32.9892

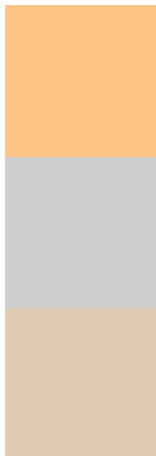
Deuteranomaly

64.7121, 62.8329, 31.6389

Tritanomaly

68.4466, 62.6546, 51.1338

Monochromacy



Original Color

65.5794, 62.9418, 31.6142

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4369, 61.8954, 52.4777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5794, 62.9418, 31.6142 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, 197, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 135) }
```

Border

The CSS property to change the border of an element to XYZ 65.5794, 62.9418, 31.6142 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, 197, 135) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5794, 62.9418, 31.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 135) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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