

Converting Colors

XYZ(62.9282, 59.7080, 24.3531)

Have a look what the booklet for
XYZ(62.9282, 59.7080, 24.3531)
contains.

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Color

**XYZ(62.9653, 59.7594,
24.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF73
RGB	255, 191, 115
RGB Percent	100%, 75%, 45%
CMY	0.0000, 0.2510, 0.5490
CMYK	0.00, 0.25, 0.55, 0.00
HSL	33°, 100%, 73%
HSV	33°, 55%, 100%
XYZ	62.9653, 59.7594, 24.4357
YIQ	201.4720, 62.5400, -10.0680

Conversions

Conversions Part 2

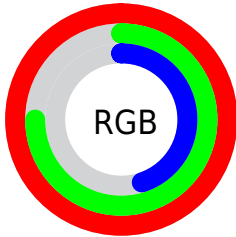
Format	Color
R_{YB}	233, 255, 115
Decimal	16760691
CIE _{Lab}	81.71, 14.72, 46.92
CIE _{LCh}	82, 49.175, 72.584
Yxy	59.7594, 0.4279, 0.4061
Android (android.graphics.Color)	4294950771 (0xFFFFBF73)
YUV	201.4720, -42.6307, 46.9441
Hunter-Lab	77.3042, 10.1083, 35.3715

Details

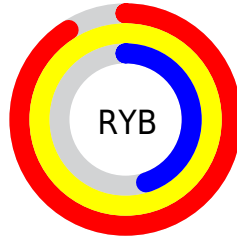
The XYZ color **62.9653, 59.7594, 24.4357** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.2395, 43.1031, 100.7535**, and the grayscale version is **56.0411, 58.9596, 64.2070**.

A 20% lighter version of the original color is **81.5686, 90.6087, 50.2359**, and **32.5196, 30.1492, 8.9559** is the 20% darker color. If you saturate the color by 10%, you get **59.2546, 54.3706, 16.9337**, and if you desaturate by 10%, it is **67.2869, 65.7210, 34.1445**.

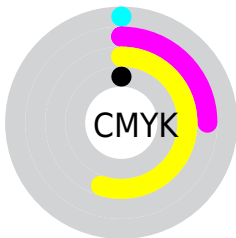
Distribution



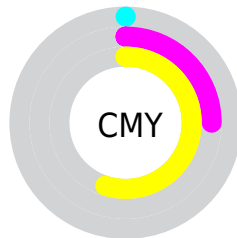
- Red (100%)
- Green (75%)
- Blue (45%)



- Red (91%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9653, 59.7594, 24.4357 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 62.9653, 59.7594, 24.4357 by changing the saturation by 10% instead.

62.9653, 59.7594,
24.4357

62.9653, 59.7594,
24.4357

425.1052,
423.7104, 288.3731

46.0717, 43.2247,
15.4420

108.2015,
104.4806, 51.6930

32.5073, 30.0615,
8.9801

137.2749,
133.4359, 70.7936

21.9067, 19.8853,
4.6316

171.1388,
167.3001, 94.1003

13.9045, 12.3117,
1.9778

210.1587,
206.4578, 122.0315

8.1356, 6.9563,
0.5416

254.7000,
251.2933, 155.0059

4.2344, 3.4348,
0.0000

305.1279,

1.8356, 1.3627,

302.1909, 193.4419

0.0000

361.8079,
359.5352, 237.7581

■ 0.5390, 0.1890,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9653, 59.7594,
24.4357

■ 62.9653, 59.7594,
24.4357

■ 59.2546, 54.3706,
16.9337

■ 67.2869, 65.7210,
34.1445

■ 56.1116, 49.5228,
11.4523

■ 72.2503, 72.2678,
46.2184

■ 53.4928, 45.1930,
7.7802

■ 77.8886, 79.4227,
60.8053

■ 51.3438, 41.3516,
5.6564

■ 84.2316, 87.2041,
78.0395

■ 50.3915, 39.5632,
4.9805

■ 91.3067, 95.6297,
98.0462

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



72.7446, 59.7594, 33.6247



62.9653, 59.7594, 24.4357



52.5741, 59.7594, 23.7941

Triad

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



62.9653, 59.7594, 24.4357



39.5099, 59.7594, 78.2886



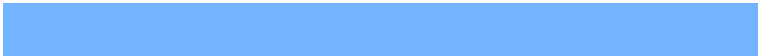
71.3545, 59.7594, 116.6865

Complementary

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



62.9653, 59.7594, 24.4357



41.2395, 43.1031, 100.7535

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.



61.2455, 59.7594, 138.0297



62.9653, 59.7594, 24.4357



43.3733, 59.7594, 111.7433

Square

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



62.9653, 59.7594, 24.4357



39.8517, 59.7594, 49.4593



51.0500, 59.7594, 135.9869



77.9774, 59.7594, 83.6567

Rectangle

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



62.9653, 59.7594, 24.4357



46.7443, 59.7594, 27.8959



51.0500, 59.7594, 135.9869



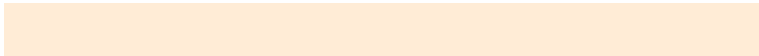
68.2023, 59.7594, 125.8589

Sweetspot

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



62.9667, 59.7623, 24.4369



83.4996, 86.3181, 76.0125



55.6431, 36.8308, 47.5351



17.5838, 18.1247, 15.4761



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.



62.9667, 59.7623, 24.4369



58.8824, 53.8119, 16.2360



78.3982, 93.1431, 30.0667



18.8265, 19.6212, 18.9393



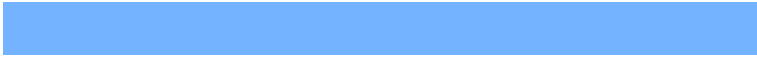
26.4820, 20.9752, 2.6529



2.6877, 2.2609, 0.2947

Inverse Universe

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



41.2395, 43.1031, 100.7535



35.1618, 35.6504, 99.6357



31.8808, 23.4513, 97.4536



17.6870, 18.7457, 22.9360



12.8738, 10.6573, 50.8131



1.3611, 1.2529, 4.9834

Previews

White Background



This preview shows how the XYZ color 62.9653, 59.7594, 24.4357 looks on a white background.

Color Contrast Check

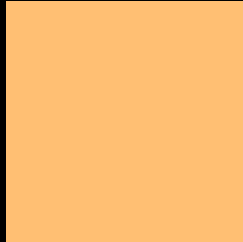
Large Text (above 18pt) WCAG AA × Fail

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 62.9653, 59.7594, 24.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

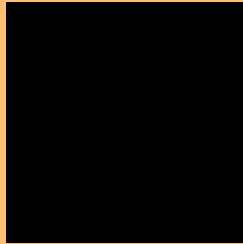
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9653, 59.7594, 24.4357

Background



This preview shows how black text looks on a background with the XYZ color 62.9653, 59.7594, 24.4357.



This preview shows how white text looks on a background with the XYZ color 62.9653, 59.7594,

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

62.9653, 59.7594, 24.4357

Protanopia

55.1775, 59.7559, 26.3952

Deuteranopia

61.0404, 59.7549, 24.2363



Tritanopia

68.3443, 59.5265, 60.1122

Trichromacy



Original Color

62.9653, 59.7594, 24.4357

Protanomaly

57.9544, 59.8170, 25.6309

Deuteranomaly

61.8909, 59.8641, 24.2125

Tritanomaly

65.9854, 59.5907, 44.5836

Monochromacy



Original Color

62.9653, 59.7594, 24.4357

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0407, 58.2069, 46.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9653, 59.7594, 24.4357 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, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 115)  
}
```

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, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 62.9653, 59.7594, 24.4357 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, 191, 115) }
```


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

```
.border{ border-color:rgb(255, 191, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9653, 59.7594, 24.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 115) }
```

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

```
.background{ background-color: rgb(255,  
191, 115) }
```

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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