

Converting Colors

XYZ(109.0795, 83.3808,
22.6844)

Have a look what the booklet for
XYZ(109.0795, 83.3808, 22.6844)
contains.

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Color

**XYZ(62.0024, 59.0265,
20.4373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE65
RGB	255, 190, 101
RGB Percent	100%, 75%, 40%
CMY	0.0000, 0.2549, 0.6039
CMYK	0.00, 0.25, 0.60, 0.00
HSL	35°, 100%, 70%
HSV	35°, 60%, 100%
XYZ	62.0024, 59.0265, 20.4373
YIQ	199.2890, 67.3090, -13.8990

Conversions

Conversions Part 2

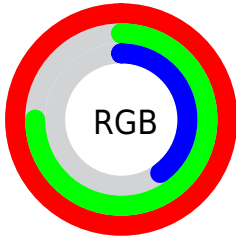
Format	Color
R _Y B	213, 255, 101
Decimal	16760421
CIE Lab	81.31, 14.21, 53.26
CIE LCh	81, 55.121, 75.056
Yxy	59.0265, 0.4383, 0.4172
Android (android.graphics.Color)	4294950501 (0xFFFFBE65)
YUV	199.2890, -48.4565, 48.8585
Hunter-Lab	76.8287, 9.6031, 38.0083

Details

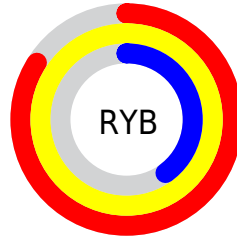
The XYZ color **62.0024, 59.0265, 20.4373** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.0523, 37.2574, 99.8457**, and the grayscale version is **54.7232, 57.5731, 62.6971**.

A 20% lighter version of the original color is **80.0285, 89.5046, 43.6300**, and **32.0057, 29.7152, 6.9544** is the 20% darker color. If you saturate the color by 10%, you get **58.6963, 54.1133, 14.0984**, and if you desaturate by 10%, it is **65.8710, 64.4448, 28.8764**.

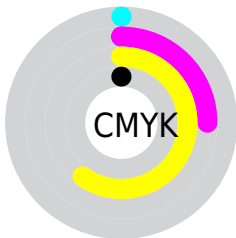
Distribution



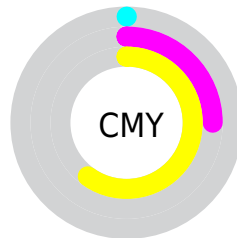
- Red (100%)
- Green (75%)
- Blue (40%)



- Red (84%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0024, 59.0265, 20.4373 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 62.0024, 59.0265, 20.4373 by changing the saturation by 10% instead.


 62.0024, 59.0265,
20.4373


 62.0024, 59.0265,
20.4373


421.6573,
421.0001, 266.9549

 45.2902, 42.6345,
12.5261


 106.8189,
103.4162, 45.0177


 31.8884, 29.5984,
6.9762


 135.6540,
132.1826, 62.5240

 21.4314, 19.5340,
3.3690


 169.2608,
165.8426, 84.0657

 13.5539, 12.0567,
1.2860

 208.0046,
204.7806, 110.0614

 7.8907, 6.7823,
0.0503

252.2507,
249.3809, 140.9296

 4.0763, 3.3263,
0.0000

302.3647,

 1.7454, 1.3044,

300.0280, 177.0889

0.0000

358.7117,
357.1063, 218.9578

■ 0.4844, 0.1446,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0024, 59.0265,
20.4373

■ 62.0024, 59.0265,
20.4373

■ 58.6963, 54.1133,
14.0984

■ 65.8710, 64.4448,
28.8764

■ 55.9075, 49.6741,
9.6593


■ 70.3338, 70.3796,
39.5845

■ 53.5892, 45.6866,
6.8858

■ 75.4248, 76.8524,
52.7167

■ 51.7327, 42.2457,
5.4276

■ 81.1739, 83.8805,
68.4136

 87.6087, 91.4803,
86.8049

94.7552, 99.6671,
108.0113

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.



73.2239, 59.0265, 29.0506



62.0024, 59.0265, 20.4373



50.5510, 59.0265, 20.4523

Triad

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



62.0024, 59.0265, 20.4373



37.3389, 59.0265, 82.1700



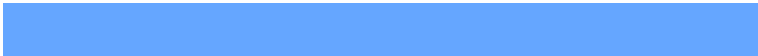
73.2606, 59.0265, 120.2100

Complementary

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



62.0024, 59.0265, 20.4373



37.0523, 37.2574, 99.8457

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.



62.0472, 59.0265, 146.9054



62.0024, 59.0265, 20.4373



41.8832, 59.0265, 120.3434

Square

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



62.0024, 59.0265, 20.4373



37.3304, 59.0265, 49.2790



50.5901, 59.0265, 146.9612



80.3028, 59.0265, 82.0288

Rectangle

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



62.0024, 59.0265, 20.4373



44.3329, 59.0265, 25.1099



50.5901, 59.0265, 146.9612



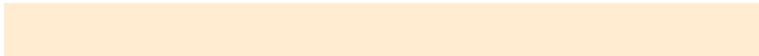
69.7911, 59.0265, 131.3235

Sweetspot

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



62.0038, 59.0294, 20.4384



82.6496, 85.6456, 72.5617



52.9369, 33.3850, 40.5701



17.3072, 17.8730, 14.4551



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.



62.0038, 59.0294, 20.4384



58.2140, 53.3677, 13.2616



75.6719, 91.8237, 26.0480



18.8814, 19.7309, 18.9576



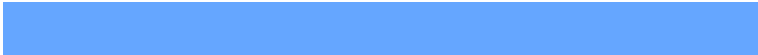
27.1826, 22.3765, 2.8864



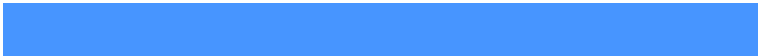
2.7549, 2.3951, 0.3171

Inverse Universe

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



37.0523, 37.2574, 99.8457



31.4074, 30.0337, 98.7495



29.2933, 19.9248, 96.9091



17.6331, 18.6378, 22.9180



12.3528, 9.6152, 50.6394



1.3081, 1.1468, 4.9657

Previews

White Background



This preview shows how the XYZ color 62.0024, 59.0265, 20.4373 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 62.0024, 59.0265, 20.4373 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 62.0024, 59.0265, 20.4373

Background



This preview shows how black text looks on a background with the XYZ color 62.0024, 59.0265, 20.4373.



This preview shows how white text looks on a background with the XYZ color 62.0024, 59.0265,

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

62.0024, 59.0265, 20.4373

Protanopia

54.1018, 58.9490, 21.8914

Deuteranopia

60.4371, 59.1998, 20.2979



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

62.0024, 59.0265, 20.4373

Protanomaly

56.9537, 59.0498, 21.4927

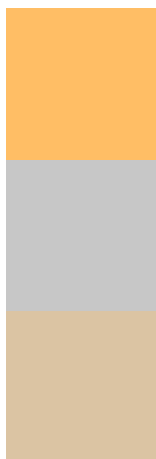
Deuteranomaly

60.9335, 59.1286, 20.2580

Tritanomaly

65.1441, 58.9159, 41.1961

Monochromacy



Original Color

62.0024, 59.0265, 20.4373

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5642, 57.1843, 42.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0024, 59.0265, 20.4373 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 101) }
```

Border

The CSS property to change the border of an element to XYZ 62.0024, 59.0265, 20.4373 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, 101) }
```


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

```
.border{ border-color:rgb(255, 190, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 101); box-shadow:4px 4px 4px 4px rgb(255, 190, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0024, 59.0265, 20.4373 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, 101) }
```

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

```
.background{ background-color: rgb(255,  
190, 101) }
```

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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