

Converting Colors

XYZ(63.0336, 59.4009, 25.9847)

Have a look what the booklet for
XYZ(63.0336, 59.4009, 25.9847)
contains.

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Color

**XYZ(63.0436, 59.4430,
25.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE78
RGB	255, 190, 120
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2549, 0.5294
CMYK	0.00, 0.25, 0.53, 0.00
HSL	31°, 100%, 74%
HSV	31°, 53%, 100%
XYZ	63.0436, 59.4430, 25.9202
YIQ	201.4550, 61.2100, -7.9900

Conversions

Conversions Part 2

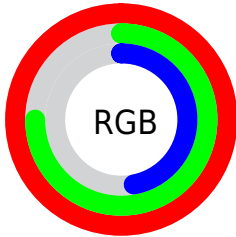
Format	Color
R_{YB}	245, 255, 120
Decimal	16760440
CIE _{Lab}	81.53, 15.64, 44.21
CIE _{LCh}	82, 46.896, 70.513
Yxy	59.4430, 0.4248, 0.4005
Android (android.graphics.Color)	4294950520 (0xFFFFBE78)
YUV	201.4550, -40.1573, 46.9590
Hunter-Lab	77.0993, 11.0346, 34.0366

Details

The XYZ color **63.0436, 59.4430, 25.9202** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1438, 45.9089, 101.1947**, and the grayscale version is **56.0162, 58.9334, 64.1785**.

A 20% lighter version of the original color is **81.7386, 90.1887, 52.6352**, and **32.5255, 29.9231, 9.6917** is the 20% darker color. If you saturate the color by 10%, you get **59.1496, 53.8106, 17.9772**, and if you desaturate by 10%, it is **67.5765, 65.6940, 36.1100**.

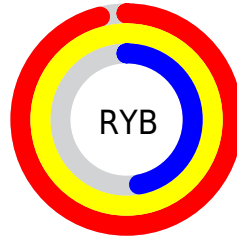
Distribution



Red (100%)

Green (75%)

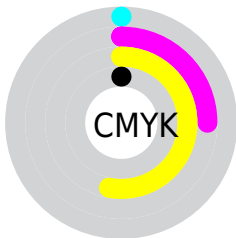
Blue (47%)



Red (96%)

Yellow (100%)

Blue (47%)

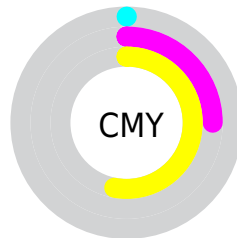


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0436, 59.4430, 25.9202 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 63.0436, 59.4430, 25.9202 by changing the saturation by 10% instead.


 63.0436, 59.4430,
25.9202


 63.0436, 59.4430,
25.9202


425.3849,
422.5416, 295.9831


 46.1353, 42.9698,
16.5387


 108.3139,
104.0212, 54.1287

 32.5576, 29.8614,
9.7477


 137.4065,
132.8951, 73.7928

 21.9454, 19.7334,
5.1286

 171.2913,
166.6713, 97.7215

 13.9332, 12.2014,
2.2628

210.3336,
205.7343, 126.3333

 8.1556, 6.8810,
0.7103

254.8987,
250.4684, 160.0469

 4.2473, 3.3878,
0.0000

305.3521,

 1.8430, 1.3374,

301.2581, 199.2807

0.0000

362.0590,
358.4877, 244.4532

■ 0.5434, 0.1699,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0436, 59.4430,
25.9202

■ 63.0436, 59.4430,
25.9202

■ 59.1496, 53.8106,
17.9772

■ 67.5765, 65.6940,
36.1100

■ 55.8512, 48.7638,
12.0993

■ 72.7792, 72.5774,
48.7021

■ 53.1054, 44.2785,
8.0818

■ 78.6853, 80.1172,
63.8416

■ 50.8592, 40.3240,
5.6751

■ 85.3245, 88.3333,
81.6615

49.5228, 37.8258,
4.6910

92.7250, 97.2445,
102.2852

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.



72.1266, 59.4430, 35.5345



63.0436, 59.4430, 25.9202



53.1186, 59.4430, 24.7471

Triad

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



63.0436, 59.4430, 25.9202



39.8732, 59.4430, 75.1150



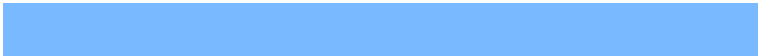
69.6931, 59.4430, 115.2353

Complementary

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



63.0436, 59.4430, 25.9202



43.1438, 45.9089, 101.1947

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.



60.0194, 59.4430, 133.8957



63.0436, 59.4430, 25.9202



43.3090, 59.4430, 106.6577

Square

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



63.0436, 59.4430, 25.9202



40.4832, 59.4430, 48.2883



50.4234, 59.4430, 130.3673



76.2632, 59.4430, 84.5192

Rectangle

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



63.0436, 59.4430, 25.9202



47.4322, 59.4430, 28.3836



50.4234, 59.4430, 130.3673



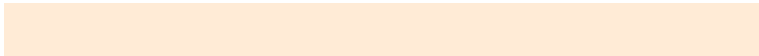
66.6528, 59.4430, 123.4787

Sweetspot

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



63.0450, 59.4459, 25.9214



83.2139, 85.7468, 75.9173



56.7400, 38.2067, 50.4220



17.5157, 17.9886, 15.4534



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.



63.0450, 59.4459, 25.9214



58.7727, 53.2486, 17.2598



79.5670, 93.7114, 31.6645



18.7886, 19.5454, 18.9267



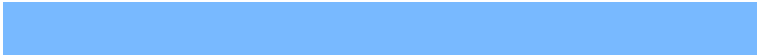
26.0273, 20.0657, 2.5013



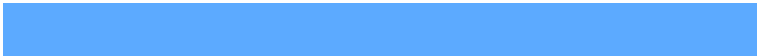
2.6436, 2.1726, 0.2800

Inverse Universe

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



43.1438, 45.9089, 101.1947



36.8879, 38.3735, 100.0704



32.8284, 24.8094, 97.6657



17.7246, 18.8209, 22.9486



13.2651, 11.4398, 50.9435



1.4003, 1.3313, 4.9964

Previews

White Background



This preview shows how the XYZ color 63.0436, 59.4430, 25.9202 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 63.0436, 59.4430, 25.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

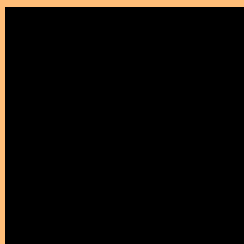
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0436, 59.4430, 25.9202

Background



This preview shows how black text looks on a background with the XYZ color 63.0436, 59.4430, 25.9202.



This preview shows how white text looks on a background with the XYZ color 63.0436, 59.4430,

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

63.0436, 59.4430, 25.9202

Protanopia

55.1818, 59.7221, 28.0212

Deuteranopia

60.9793, 59.6896, 25.7601



Tritanopia

68.3443, 59.5265, 60.1122

Trichromacy



Original Color

63.0436, 59.4430, 25.9202

Protanomaly

57.7009, 59.3107, 27.1458

Deuteranomaly

61.8241, 59.7958, 25.7360

Tritanomaly

65.8668, 59.2050, 45.0019

Monochromacy



Original Color

63.0436, 59.4430, 25.9202

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2314, 58.2832, 47.2631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0436, 59.4430, 25.9202 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 120) }
```

Border

The CSS property to change the border of an element to XYZ 63.0436, 59.4430, 25.9202 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, 120) }
```


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

```
.border{ border-color:rgb(255, 190, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0436, 59.4430, 25.9202 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
190, 120) }
```

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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