

Converting Colors

XYZ(64.3353, 59.9203, 26.5293)

Have a look what the booklet for
XYZ(64.3353, 59.9203, 26.5293)
contains.

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Color

**XYZ(62.9504, 59.0603,
26.4943)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD7A
RGB	255, 189, 122
RGB Percent	100%, 74%, 48%
CMY	0.0000, 0.2588, 0.5216
CMYK	0.00, 0.26, 0.52, 0.00
HSL	30°, 100%, 74%
HSV	30°, 52%, 100%
XYZ	62.9504, 59.0603, 26.4943
YIQ	201.0960, 60.8430, -6.8450

Conversions

Conversions Part 2

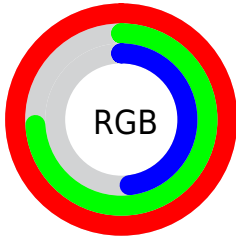
Format	Color
R _Y B	253, 255, 122
Decimal	16760186
CIE Lab	81.32, 16.33, 42.94
CIE LCh	81, 45.941, 69.175
Yxy	59.0603, 0.4239, 0.3977
Android (android.graphics.Color)	4294950266 (0xFFFFBD7A)
YUV	201.0960, -38.9943, 47.2738
Hunter-Lab	76.8507, 11.7253, 33.3552

Details

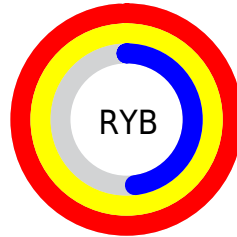
The XYZ color **62.9504, 59.0603, 26.4943** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0584, 47.3219, 101.4192**, and the grayscale version is **55.7860, 58.6912, 63.9147**.

A 20% lighter version of the original color is **81.6303, 89.6600, 53.5612**, and **32.4472, 29.6654, 9.9771** is the 20% darker color. If you saturate the color by 10%, you get **58.9691, 53.3033, 18.3685**, and if you desaturate by 10%, it is **67.5865, 65.4638, 36.8844**.

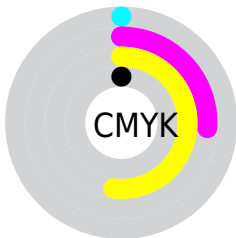
Distribution



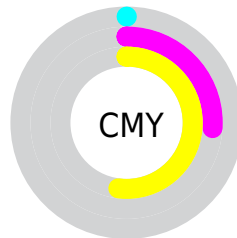
- Red (100%)
- Green (74%)
- Blue (48%)



- Red (99%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9504, 59.0603, 26.4943 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 62.9504, 59.0603, 26.4943 by changing the saturation by 10% instead.

 62.9504, 59.0603,
26.4943

 62.9504, 59.0603,
26.4943


425.0520,
421.1253, 298.8825


 46.0596, 42.6617,
16.9647


 108.1802,
103.4653, 55.0651

 32.4977, 29.6197,
10.0476


 137.2498,
132.2405, 74.9435

 21.8993, 19.5501,
5.3245


 171.1098,
165.9099, 99.1085

 13.8991, 12.0685,
2.3769

210.1255,
204.8580, 127.9787

 8.1318, 6.7903,
0.7738

254.6621,
249.4692, 161.9727

 4.2319, 3.3313,
0.0000

305.0852,

 1.8341, 1.3071,

300.1279, 201.5090

0.0000

361.7601,
357.2185, 247.0061

■ 0.5381, 0.1467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9504, 59.0603,
26.4943

■ 62.9504, 59.0603,
26.4943

■ 58.9691, 53.3033,
18.3685

■ 67.5865, 65.4638,
36.8844

■ 55.5992, 48.1588,
12.3268

■ 72.9086, 72.5287,
49.6929

■ 52.7975, 43.6019,
8.1669

■ 78.9505, 80.2797,
65.0645

■ 50.5113, 39.6009,
5.6434

■ 85.7425, 88.7377,
83.1313

49.0204, 36.8211,
4.5235

93.3128, 97.9223,
104.0163

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.



71.6804, 59.0603, 36.3795



62.9504, 59.0603, 26.4943



53.2455, 59.0603, 24.9873

Triad

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



62.9504, 59.0603, 26.4943



39.8257, 59.0603, 73.1013



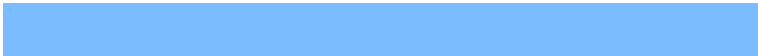
68.6096, 59.0603, 114.5583

Complementary

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



62.9504, 59.0603, 26.4943



44.0584, 47.3219, 101.4192

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.



59.1273, 59.0603, 131.8125



62.9504, 59.0603, 26.4943



43.0173, 59.0603, 103.7744

Square

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



62.9504, 59.0603, 26.4943



40.6015, 59.0603, 47.2970



49.8303, 59.0603, 127.3853



75.1975, 59.0603, 84.9718

Rectangle

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



62.9504, 59.0603, 26.4943



47.6161, 59.0603, 28.3348



49.8303, 59.0603, 127.3853



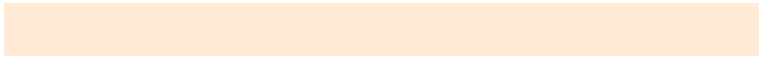
65.6139, 59.0603, 122.3276

Sweetspot

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



62.9518, 59.0632, 26.4955



83.0415, 85.4018, 75.8598



57.3308, 38.8320, 52.3341



17.4746, 17.9065, 15.4397



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.



62.9518, 59.0632, 26.4955



58.6619, 52.8459, 17.7807



80.5126, 94.1847, 32.3490



18.7657, 19.4995, 18.9191



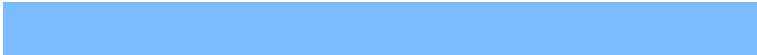
25.7639, 19.5390, 2.4135



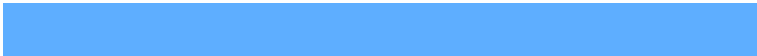
2.6178, 2.1210, 0.2714

Inverse Universe

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



44.0584, 47.3219, 101.4192



37.8505, 39.9150, 100.3172



33.0360, 25.2773, 97.7451



17.7475, 18.8666, 22.9562



13.5145, 11.9386, 51.0267



1.4250, 1.3807, 5.0047

Previews

White Background



This preview shows how the XYZ color 62.9504, 59.0603, 26.4943 looks on a white background.

Color Contrast Check

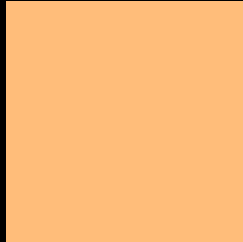
Large Text (above 18pt) WCAG AA × Fail

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 62.9504, 59.0603, 26.4943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

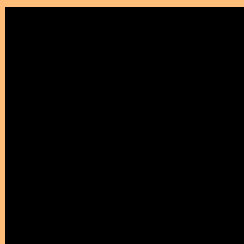
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9504, 59.0603, 26.4943

Background



This preview shows how black text looks on a background with the XYZ color 62.9504, 59.0603, 26.4943.



This preview shows how white text looks on a background with the XYZ color 62.9504, 59.0603,

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

62.9504, 59.0603, 26.4943

Protanopia

54.7701, 59.1455, 28.6082

Deuteranopia

60.5272, 59.1132, 26.3090



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

62.9504, 59.0603, 26.4943

Protanomaly

57.2722, 58.7368, 27.7208

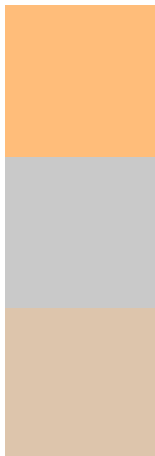
Deuteranomaly

61.3677, 59.2195, 26.2852

Tritanomaly

65.6568, 58.7851, 44.9320

Monochromacy



Original Color

62.9504, 59.0603, 26.4943

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 62.9504, 59.0603, 26.4943 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, 189, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 122)  
}
```

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, 189, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 122) }
```

Border

The CSS property to change the border of an element to XYZ 62.9504, 59.0603, 26.4943 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, 189, 122) }
```


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

```
.border{ border-color:rgb(255, 189, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9504, 59.0603, 26.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 122) }
```

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

```
.background{ background-color: rgb(255,  
189, 122) }
```

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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