

Converting Colors

XYZ(121.9723, 83.1204,
29.4724)

Have a look what the booklet for
XYZ(121.9723, 83.1204, 29.4724)
contains.

XYZ(59.0085, 50.7716, 26.4285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.0085, 50.7716,
26.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA87E
RGB	255, 168, 126
RGB Percent	100%, 66%, 49%
CMY	0.0000, 0.3411, 0.5059
CMYK	0.00, 0.34, 0.51, 0.00
HSL	20°, 100%, 75%
HSV	20°, 51%, 100%
XYZ	59.0085, 50.7716, 26.4285
YIQ	189.2250, 65.3340, 5.3820

Conversions

Conversions Part 2

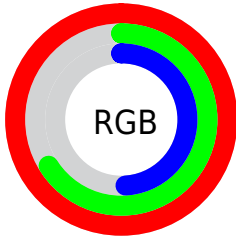
Format	Color
R _Y B	255, 188, 126
Decimal	16754814
CIE Lab	76.54, 27.66, 34.79
CIE LCh	77, 44.450, 51.516
Yxy	50.7716, 0.4332, 0.3727
Android (android.graphics.Color)	4294944894 (0xFFFFA87E)
YUV	189.2250, -31.1699, 57.6847
Hunter-Lab	71.2542, 23.1283, 27.8870

Details

The XYZ color **59.0085, 50.7716, 26.4285** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4472, 59.2414, 103.3832**, and the grayscale version is **48.6464, 51.1798, 55.7349**.

A 20% lighter version of the original color is **76.0323, 77.8260, 53.6624**, and **29.9409, 24.3854, 9.9663** is the 20% darker color. If you saturate the color by 10%, you get **54.6006, 44.2620, 17.8500**, and if you desaturate by 10%, it is **64.2581, 58.2937, 37.3572**.

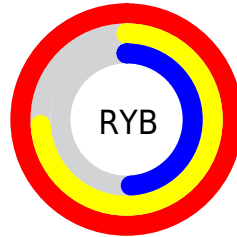
Distribution



Red (100%)

Green (66%)

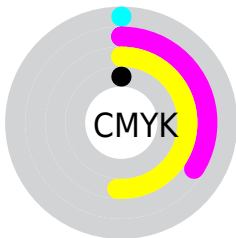
Blue (49%)



Red (100%)

Yellow (74%)

Blue (49%)

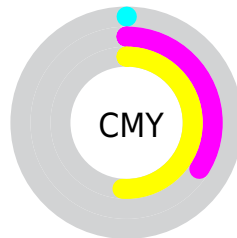


Cyan (0%)

Magenta (34%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0085, 50.7716, 26.4285 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 59.0085, 50.7716, 26.4285 by changing the saturation by 10% instead.


 59.0085, 50.7716,
26.4285

 59.0085, 50.7716,
26.4285


410.8270,
389.6758, 298.5514


 42.8664, 36.0269,
16.9158

 102.5046, 91.3171,
54.9580

 29.9743, 24.4549,
10.0132

 130.5892,
117.8866, 74.8118

 19.9671, 15.6714,
5.3020


 163.3854,
149.1665, 98.9499

 12.4792, 9.2920,
2.3637

201.2585,
185.5412, 127.7906

 7.1455, 4.9321,
0.7666

244.5738,
227.3951, 161.7526

 3.6004, 2.2075,
0.0000

293.6968,

 1.4786, 0.7241,

275.1126, 201.2544

0.0000

348.9927,
329.0780, 246.7145

■ 0.3112, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0085, 50.7716,
26.4285

■ 59.0085, 50.7716,
26.4285

■ 54.6006, 44.2620,
17.8500

■ 64.2581, 58.2937,
37.3572

■ 50.9817, 38.7116,
11.4420

■ 70.3903, 66.8633,
50.7917

■ 48.0985, 34.0732,
7.0033

■ 77.4474, 76.5227,
66.8774

■ 45.8875, 30.2915,
4.2926

■ 85.4679, 87.3099,
85.7477

■ 44.3358, 27.4518,
2.9620

94.4879, 99.2606,
107.5271

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.



64.8752, 50.7716, 40.0085



59.0085, 50.7716, 26.4285



50.6763, 50.7716, 21.0193

Triad

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



59.0085, 50.7716, 26.4285



33.9947, 50.7716, 48.7416



54.4189, 50.7716, 110.3678

Complementary

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



59.0085, 50.7716, 26.4285



50.4472, 59.2414, 103.3832

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.



45.9157, 50.7716, 114.7273



59.0085, 50.7716, 26.4285



34.7505, 50.7716, 74.0177

Square

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



59.0085, 50.7716, 26.4285



36.6980, 50.7716, 31.2263



38.8976, 50.7716, 99.9092



62.0190, 50.7716, 89.3062

Rectangle

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



59.0085, 50.7716, 26.4285



45.1072, 50.7716, 21.2429



38.8976, 50.7716, 99.9092



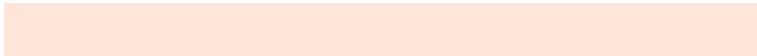
51.5499, 50.7716, 114.0379

Sweetspot

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



59.0097, 50.7741, 26.4295



81.8080, 82.4090, 77.0701



60.8577, 41.0448, 68.4338



17.1505, 17.1547, 15.6509



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.



59.0097, 50.7741, 26.4295



54.4362, 44.0145, 17.5440



73.6798, 80.1142, 31.3195



18.4923, 18.9528, 18.8279



23.2865, 14.5842, 1.5877



2.3619, 1.6091, 0.1861

Inverse Universe

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



50.4472, 59.2414, 103.3832



44.9207, 53.2497, 102.5184



37.5051, 33.3573, 99.0692



18.0271, 19.4258, 23.0494



17.2783, 19.4662, 52.2813



1.7819, 2.0944, 5.1236

Previews

White Background



This preview shows how the XYZ color 59.0085, 50.7716, 26.4285 looks on a white background.

Color Contrast Check

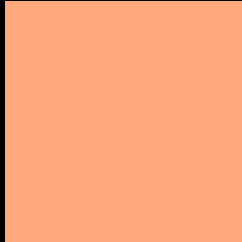
Large Text (above 18pt) WCAG AA × Fail

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 59.0085, 50.7716, 26.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

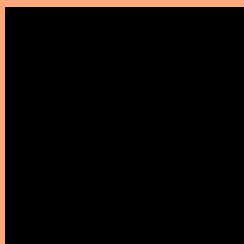
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0085, 50.7716, 26.4285

Background



This preview shows how black text looks on a background with the XYZ color 59.0085, 50.7716, 26.4285.



This preview shows how white text looks on a background with the XYZ color 59.0085, 50.7716,

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

59.0085, 50.7716, 26.4285

Protanopia

47.4726, 50.9818, 30.2601

Deuteranopia

52.0939, 50.9718, 25.8318



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

59.0085, 50.7716, 26.4285

Protanomaly

51.1202, 50.4017, 28.8640

Deuteranomaly

54.4233, 50.6830, 25.9832

Tritanomaly

60.7809, 50.6046, 38.4624

Monochromacy



Original Color

59.0085, 50.7716, 26.4285

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.8474, 49.9471, 43.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0085, 50.7716, 26.4285 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, 168, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 126)  
}
```

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, 168, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 126) }
```

Border

The CSS property to change the border of an element to XYZ 59.0085, 50.7716, 26.4285 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, 168, 126) }
```


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

```
.border{ border-color:rgb(255, 168, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0085, 50.7716, 26.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 126) }
```

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

```
.background{ background-color: rgb(255,  
168, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor