

Converting Colors

XYZ(106.0400, 75.1539,
28.6589)

Have a look what the booklet for
XYZ(106.0400, 75.1539, 28.6589)
contains.

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Color

**XYZ(59.1939, 51.1423,
26.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA97E
RGB	255, 169, 126
RGB Percent	100%, 66%, 49%
CMY	0.0000, 0.3372, 0.5059
CMYK	0.00, 0.34, 0.51, 0.00
HSL	20°, 100%, 75%
HSV	20°, 51%, 100%
XYZ	59.1939, 51.1423, 26.4903
YIQ	189.8120, 65.0590, 4.8590

Conversions

Conversions Part 2

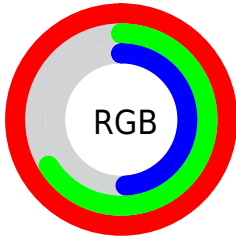
Format	Color
R_{YB}	255, 191, 126
Decimal	16755070
CIE _{Lab}	76.77, 27.14, 35.08
CIE _{LCh}	77, 44.356, 52.277
Yxy	51.1423, 0.4326, 0.3738
Android (android.graphics.Color)	4294945150 (0xFFFFA97E)
YUV	189.8120, -31.4593, 57.1699
Hunter-Lab	71.5138, 22.5999, 28.0974

Details

The XYZ color **59.1939, 51.1423, 26.4903** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.1965, 58.7400, 103.2998**, and the grayscale version is **48.9856, 51.5367, 56.1235**.

A 20% lighter version of the original color is **76.3019, 78.3651, 53.7523**, and **30.0556, 24.6147, 10.0045** is the 20% darker color. If you saturate the color by 10%, you get **54.7941, 44.6489, 17.9145**, and if you desaturate by 10%, it is **64.4268, 58.6309, 37.4135**.

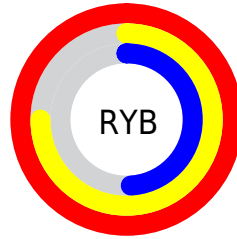
Distribution



Red (100%)

Green (66%)

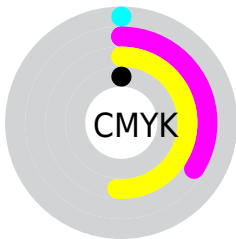
Blue (49%)



Red (100%)

Yellow (75%)

Blue (49%)

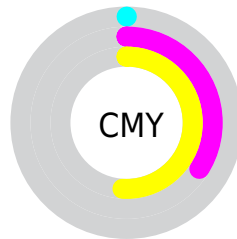


Cyan (0%)

Magenta (34%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1939, 51.1423, 26.4903 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 59.1939, 51.1423, 26.4903 by changing the saturation by 10% instead.


 59.1939, 51.1423,
26.4903

 59.1939, 51.1423,
26.4903


411.5026,
391.1164, 298.8624

 43.0162, 36.3219,
16.9617


 102.7724, 91.8651,
55.0586

 30.0924, 24.6829,
10.0456


 130.9040,
118.5362, 74.9355

 20.0572, 15.8410,
5.3232


 163.7509,
149.9264, 99.0989

 12.5451, 9.4117,
2.3761

201.6784,
186.4200, 127.9673

 7.1909, 5.0107,
0.7734

245.0520,
228.4014, 161.9593

 3.6292, 2.2535,
0.0000

294.2370,

 1.4946, 0.7489,

276.2550, 201.4935

0.0000

349.5988,
330.3652, 246.9883

■ 0.3221, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1939, 51.1423,
26.4903

■ 59.1939, 51.1423,
26.4903

■ 54.7941, 44.6489,
17.9145

■ 64.4268, 58.6309,
37.4135

■ 51.1752, 39.0985,
11.5065

■ 70.5329, 67.1484,
50.8393

■ 48.2846, 34.4453,
7.0653

■ 77.5542, 76.7362,
66.9131

■ 46.0596, 30.6355,
4.3499

■ 85.5285, 87.4311,
85.7680

■ 44.4893, 27.7587,
3.0131

94.4917, 99.2681,
107.5284

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



65.1680, 51.1423, 39.9039



59.1939, 51.1423, 26.4903



50.8156, 51.1423, 21.2367

Triad

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



59.1939, 51.1423, 26.4903



34.2765, 51.1423, 49.6888



55.0033, 51.1423, 110.5001

Complementary

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



59.1939, 51.1423, 26.4903



50.1965, 58.7400, 103.2998

Split Complementary

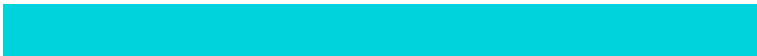
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.4677, 51.1423, 115.3671



59.1939, 51.1423, 26.4903



35.1238, 51.1423, 75.1597

Square

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



59.1939, 51.1423, 26.4903



36.9034, 51.1423, 31.8768



39.3681, 51.1423, 100.9578



62.5605, 51.1423, 89.1134

Rectangle

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



59.1939, 51.1423, 26.4903



45.2498, 51.1423, 21.5747



39.3681, 51.1423, 100.9578



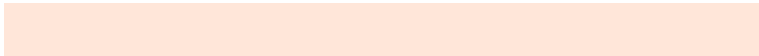
52.1310, 51.1423, 114.3311

Sweetspot

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



59.1952, 51.1448, 26.4913



81.8902, 82.5734, 77.0975



60.5847, 40.9356, 66.9958



17.1702, 17.1940, 15.6575



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.



59.1952, 51.1448, 26.4913



54.6298, 44.4016, 17.6086



74.2866, 81.3277, 31.5218



18.5041, 18.9764, 18.8319



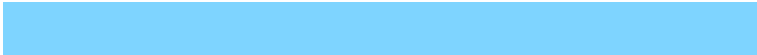
23.3686, 14.7484, 1.6151



2.3710, 1.6273, 0.1891

Inverse Universe

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



50.1965, 58.7400, 103.2998



44.6346, 52.6775, 102.4230



37.1663, 32.6795, 98.9564



18.0148, 19.4012, 23.0453



17.0845, 19.0786, 52.2167



1.7640, 2.0587, 5.1177

Previews

White Background



This preview shows how the XYZ color 59.1939, 51.1423, 26.4903 looks on a white background.

Color Contrast Check

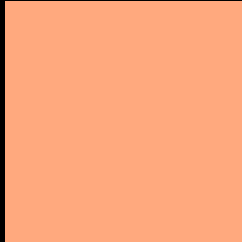
Large Text (above 18pt) WCAG AA × Fail

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 59.1939, 51.1423, 26.4903 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 59.1939, 51.1423, 26.4903

Background



This preview shows how black text looks on a background with the XYZ color 59.1939, 51.1423, 26.4903.

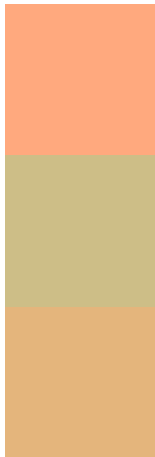


This preview shows how white text looks on a background with the XYZ color 59.1939, 51.1423,

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

59.1939, 51.1423, 26.4903

Protanopia

47.9635, 51.5553, 30.3449

Deuteranopia

52.1569, 50.9970, 26.1632



Tritanopia

62.5316, 51.3049, 47.6813

Trichromacy



Original Color

59.1939, 51.1423, 26.4903

Protanomaly

51.3242, 50.8098, 28.9320

Deuteranomaly

54.6837, 51.1021, 26.3836

Tritanomaly

61.0478, 51.0011, 38.9744

Monochromacy



Original Color

59.1939, 51.1423, 26.4903

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.4346, 50.5421, 43.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1939, 51.1423, 26.4903 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, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 126) }
```

Border

The CSS property to change the border of an element to XYZ 59.1939, 51.1423, 26.4903 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, 169, 126) }
```


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

```
.border{ border-color:rgb(255, 169, 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, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1939, 51.1423, 26.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 126) }
```

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

```
.background{ background-color: rgb(255,  
169, 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](#).

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