

Converting Colors

XYZ(59.2879, 51.8116, 25.0381)

Have a look what the booklet for
XYZ(59.2879, 51.8116, 25.0381)
contains.

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Color

**XYZ(59.2541, 51.7663,
24.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB79
RGB	255, 171, 121
RGB Percent	100%, 67%, 47%
CMY	0.0000, 0.3294, 0.5255
CMYK	0.00, 0.33, 0.53, 0.00
HSL	22°, 100%, 74%
HSV	22°, 53%, 100%
XYZ	59.2541, 51.7663, 24.9580
YIQ	190.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

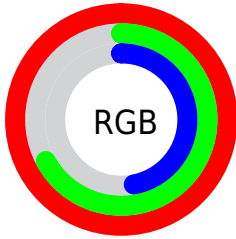
Format	Color
R_{YB}	255, 201, 121
Decimal	16755577
CIE _{Lab}	77.14, 25.66, 38.19
CIE _{LCh}	77, 46.011, 56.097
Yxy	51.7663, 0.4358, 0.3807
Android (android.graphics.Color)	4294945657 (0xFFFFAB79)
YUV	190.4160, -34.2221, 56.6402
Hunter-Lab	71.9488, 21.0949, 29.7973

Details

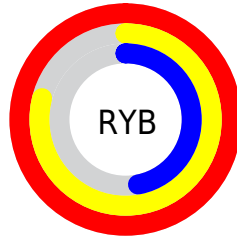
The XYZ color **59.2541, 51.7663, 24.9580** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.7653, 54.9450, 102.6953**, and the grayscale version is **49.3493, 51.9193, 56.5401**.

A 20% lighter version of the original color is **76.3491, 79.2542, 51.3180**, and **30.1214, 25.0139, 9.2018** is the 20% darker color. If you saturate the color by 10%, you get **55.0535, 45.5457, 16.8360**, and if you desaturate by 10%, it is **64.2356, 58.8876, 35.3800**.

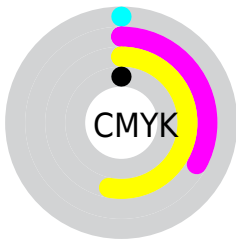
Distribution



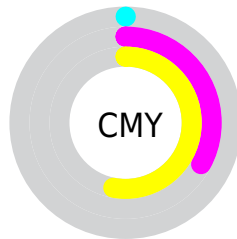
- Red (100%)
- Green (67%)
- Blue (47%)



- Red (100%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2541, 51.7663, 24.9580 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 59.2541, 51.7663, 24.9580 by changing the saturation by 10% instead.

59.2541, 51.7663,
24.9580

59.2541, 51.7663,
24.9580

411.7219,
393.5337, 291.0697

43.0649, 36.8188,
15.8270

102.8594, 92.7865,
52.5524

30.1308, 25.0672,
9.2488

131.0062,
119.6280, 71.8528

20.0864, 16.1272,
4.8048

163.8695,
151.2030, 95.3802

12.5665, 9.6142,
2.0765

201.8147,
187.8958, 123.5530

7.2057, 5.1439,
0.6017

245.2072,
230.0909, 156.7899

3.6385, 2.3319,
0.0000

294.4123,

1.4997, 0.7905,

278.1727, 195.5092

0.0000

349.7954,
332.5255, 240.1296

■ 0.3257, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2541, 51.7663,
24.9580

■ 59.2541, 51.7663,
24.9580

■ 55.0535, 45.5457,
16.8360

■ 64.2356, 58.8876,
35.3800

■ 51.5837, 40.1787,
10.8312

■ 70.0364, 66.9385,
48.2596

■ 48.7938, 35.6252,
6.7373

■ 76.6962, 75.9556,
63.7437

■ 46.6225, 31.8372,
4.3041

■ 84.2512, 85.9715,
81.9667

45.3465, 29.4733,
3.2989

92.7352, 97.0168,
103.0538

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.



66.0114, 51.7663, 37.6259



59.2541, 51.7663, 24.9580



50.3627, 51.7663, 20.5294

Triad

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



59.2541, 51.7663, 24.9580



34.1812, 51.7663, 53.1312



57.0254, 51.7663, 112.0280

Complementary

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



59.2541, 51.7663, 24.9580



47.7653, 54.9450, 102.6953

Split Complementary

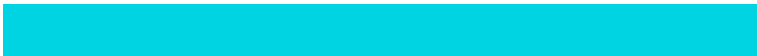
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.0599, 51.7663, 119.8332



59.2541, 51.7663, 24.9580



35.5204, 51.7663, 80.4758

Square

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



59.2541, 51.7663, 24.9580



36.4550, 51.7663, 33.4300



40.3569, 51.7663, 106.8960



64.6207, 51.7663, 87.9367

Rectangle

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



59.2541, 51.7663, 24.9580



44.6593, 51.7663, 21.4545



40.3569, 51.7663, 106.8960



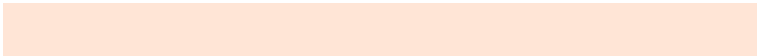
54.0434, 51.7663, 116.9024

Sweetspot

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



59.2554, 51.7689, 24.9590



81.5404, 82.3998, 75.3594



59.2018, 39.3848, 62.7896



17.1181, 17.1934, 15.3209



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.



59.2554, 51.7689, 24.9590



54.8815, 45.2852, 16.5206



75.0139, 83.2860, 30.2118



18.5647, 19.0975, 18.8521



23.8257, 15.6626, 1.7674



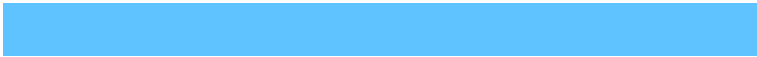
2.4205, 1.7263, 0.2056

Inverse Universe

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



47.7653, 54.9450, 102.6953



42.2281, 48.6703, 101.7764



35.1488, 29.7121, 98.4898



17.9518, 19.2753, 23.0243



16.1335, 17.1766, 51.8997



1.6758, 1.8822, 5.0883

Previews

White Background



This preview shows how the XYZ color 59.2541, 51.7663, 24.9580 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 59.2541, 51.7663, 24.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

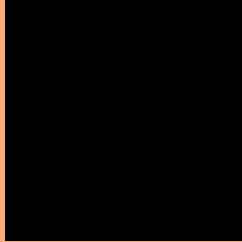
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2541, 51.7663, 24.9580

Background



This preview shows how black text looks on a background with the XYZ color 59.2541, 51.7663, 24.9580.



This preview shows how white text looks on a background with the XYZ color 59.2541, 51.7663,

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

59.2541, 51.7663, 24.9580

Protanopia

48.3254, 52.1120, 28.2805

Deuteranopia

53.0127, 51.7767, 24.6526



Tritanopia

62.8120, 51.7068, 48.2648

Trichromacy



Original Color

59.2541, 51.7663, 24.9580



Protanomaly

51.6469, 51.6346, 26.9831



Deuteranomaly

55.2457, 51.7221, 24.8409



Tritanomaly

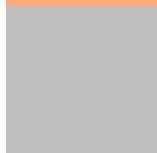
61.3284, 51.6996, 38.6449

Monochromacy



Original Color

59.2541, 51.7663, 24.9580



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.4566, 50.8797, 42.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2541, 51.7663, 24.9580 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 121) }
```

Border

The CSS property to change the border of an element to XYZ 59.2541, 51.7663, 24.9580 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, 171, 121) }
```


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

```
.border{ border-color:rgb(255, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2541, 51.7663, 24.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 121) }
```

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

```
.background{ background-color: rgb(255,  
171, 121) }
```

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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