

Converting Colors

XYZ(59.8997, 53.2519, 24.5743)

Have a look what the booklet for
XYZ(59.8997, 53.2519, 24.5743)
contains.

XYZ(59.8997, 53.2519, 24.5743)	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(59.8997, 53.2519,
24.5743)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF77
RGB	255, 175, 119
RGB Percent	100%, 69%, 47%
CMY	0.0000, 0.3137, 0.5333
CMYK	0.00, 0.31, 0.53, 0.00
HSL	25°, 100%, 73%
HSV	25°, 53%, 100%
XYZ	59.8997, 53.2519, 24.5743
YIQ	192.5360, 65.6560, -0.4560

Conversions

Conversions Part 2

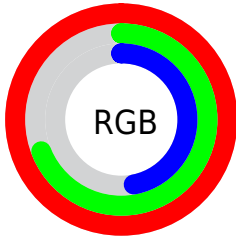
Format	Color
R_{YB}	255, 214, 119
Decimal	16756599
CIE _{Lab}	78.02, 23.41, 40.34
CIE _{LCh}	78, 46.639, 59.878
Yxy	53.2519, 0.4349, 0.3867
Android (android.graphics.Color)	4294946679 (0xFFFFAF77)
YUV	192.5360, -36.2532, 54.7809
Hunter-Lab	72.9739, 18.8151, 31.1155

Details

The XYZ color **59.8997, 53.2519, 24.5743** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.0799, 51.9861, 102.2128**, and the grayscale version is **50.5964, 53.2314, 57.9690**.

A 20% lighter version of the original color is **77.2623, 81.3904, 50.6675**, and **30.5394, 25.9508, 9.0296** is the 20% darker color. If you saturate the color by 10%, you get **55.8101, 47.2036, 16.6425**, and if you desaturate by 10%, it is **64.7270, 60.1183, 34.7795**.

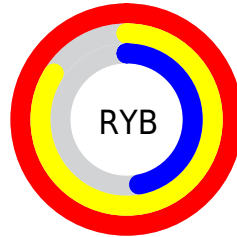
Distribution



Red (100%)

Green (69%)

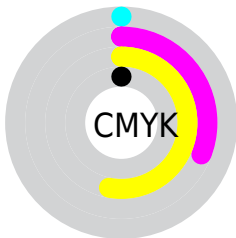
Blue (47%)



Red (100%)

Yellow (84%)

Blue (47%)

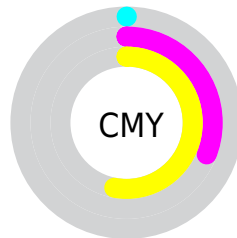


Cyan (0%)

Magenta (31%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8997, 53.2519, 24.5743 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 59.8997, 53.2519, 24.5743 by changing the saturation by 10% instead.


 59.8997, 53.2519,
24.5743


 59.8997, 53.2519,
24.5743


414.0686,
399.2508, 289.0907


 43.5869, 38.0039,
15.5441


 103.7913, 94.9749,
51.9213

 30.5424, 25.9857,
9.0513


 132.1009,
122.2188, 71.0751

 20.4008, 16.8130,
4.6774


 165.1402,
154.2300, 94.4406

 12.7967, 10.1012,
2.0038

203.2744,
191.3930, 122.4361

 7.3647, 5.4661,
0.5576

246.8690,
234.0922, 155.4804

 3.7396, 2.5233,
0.0000

296.2894,

 1.5559, 0.8882,

282.7119, 193.9919

0.0000

351.9008,
337.6367, 238.3892

0.3634, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

59.8997, 53.2519,
24.5743

59.8997, 53.2519,
24.5743

55.8101, 47.2036,
16.6425

64.7270, 60.1183,
34.7795

52.4101, 41.9310,
10.8003

70.3280, 67.8271,
47.4162

49.6508, 37.3988,
6.8397

76.7410, 76.4109,
62.6316

47.4731, 33.5646,
4.5069

84.0000, 85.8983,
80.5604

46.2925, 31.3654,
3.6142

92.1373, 96.3163,
101.3275

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.



67.3279, 53.2519, 36.4548



59.8997, 53.2519, 24.5743



50.6516, 53.2519, 20.9551

Triad

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



59.8997, 53.2519, 24.5743



35.0742, 53.2519, 57.8758



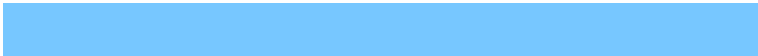
59.8276, 53.2519, 113.0997

Complementary

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



59.8997, 53.2519, 24.5743



46.0799, 51.9861, 102.2128

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.



50.5771, 53.2519, 123.8044



59.8997, 53.2519, 24.5743



36.9245, 53.2519, 86.6555

Square

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



59.8997, 53.2519, 24.5743



36.9546, 53.2519, 36.3195



42.3418, 53.2519, 112.9334



67.2829, 53.2519, 86.8970

Rectangle

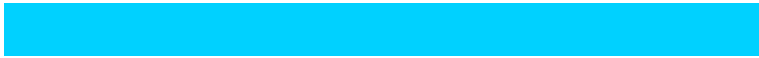
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8997, 53.2519, 24.5743



44.9023, 53.2519, 22.5046



42.3418, 53.2519, 112.9334



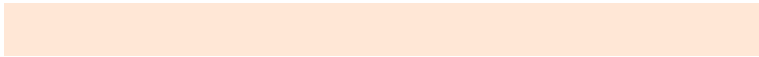
56.7913, 53.2519, 118.9260

Sweetspot

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



59.9010, 53.2545, 24.5753



81.9796, 83.2782, 75.5058



58.3324, 38.6522, 59.3983



17.2223, 17.4017, 15.3556



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.



59.9010, 53.2545, 24.5753



55.5625, 46.8281, 16.1897



76.1433, 85.7392, 29.9894



18.6237, 19.2157, 18.8717



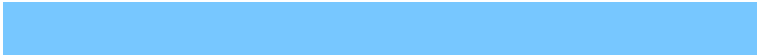
24.3274, 16.6661, 1.9347



2.4732, 1.8317, 0.2232

Inverse Universe

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



46.0799, 51.9861, 102.2128



40.3826, 45.3628, 101.2352



33.9909, 27.8081, 98.1832



17.8910, 19.1537, 23.0040



15.2800, 15.4696, 51.6152



1.5955, 1.7216, 5.0615

Previews

White Background



This preview shows how the XYZ color 59.8997, 53.2519, 24.5743 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 59.8997, 53.2519, 24.5743 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 59.8997, 53.2519, 24.5743

Background



This preview shows how black text looks on a background with the XYZ color 59.8997, 53.2519, 24.5743.



This preview shows how white text looks on a background with the XYZ color 59.8997, 53.2519,

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

59.8997, 53.2519, 24.5743

Protanopia

49.4142, 53.3479, 27.4314

Deuteranopia

54.4915, 53.4747, 24.2793



Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

59.8997, 53.2519, 24.5743

Protanomaly

52.4981, 52.7166, 26.1473

Deuteranomaly

56.4118, 53.2330, 24.4413

Tritanomaly

62.1641, 53.2337, 39.3465

Monochromacy



Original Color

59.8997, 53.2519, 24.5743

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.7607, 52.4699, 43.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8997, 53.2519, 24.5743 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, 175, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 119)  
}
```

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, 175, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 119) }
```

Border

The CSS property to change the border of an element to XYZ 59.8997, 53.2519, 24.5743 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, 175, 119) }
```


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

```
.border{ border-color:rgb(255, 175, 119) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8997, 53.2519, 24.5743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 119) }
```

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

```
.background{ background-color: rgb(255,  
175, 119) }
```

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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