

Converting Colors

XYZ(19.3294, 27.8766, 15.1884)

Have a look what the booklet for
XYZ(19.3294, 27.8766, 15.1884)
contains.

XYZ(19.3294, 27.8766, 15.1884)	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(19.3294, 27.8766,
15.1884)**

Conversions

Conversions Part 1

Format	Color
Hex	629E5F
RGB	98, 158, 95
RGB Percent	38%, 62%, 37%
CMY	0.6157, 0.3804, 0.6274
CMYK	0.38, 0.00, 0.40, 0.38
HSL	117°, 25%, 50%
HSV	117°, 40%, 62%
XYZ	19.3294, 27.8766, 15.1884
YIQ	132.8780, -15.5370, -32.3130

Conversions

Conversions Part 2

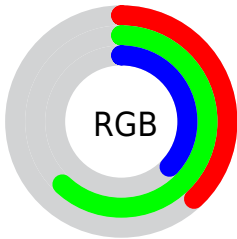
Format	Color
R_{YB}	95, 158, 155
Decimal	6463071
CIE _{Lab}	59.78, -32.59, 26.93
CIE _{LCh}	60, 42.276, 140.438
Yxy	27.8766, 0.3098, 0.4468
Android (android.graphics.Color)	4284653151 (0xFF629E5F)
YUV	132.8780, -18.6739, -30.5880
Hunter-Lab	52.7983, -27.0484, 19.9029

Details

The XYZ color **19.3294, 27.8766, 15.1884** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7826, 17.6225, 34.4972**, and the grayscale version is **22.3203, 23.4827, 25.5727**.

A 20% lighter version of the original color is **41.7451, 56.2431, 35.8499**, and **6.7938, 11.0941, 4.4726** is the 20% darker color. If you saturate the color by 10%, you get **17.2091, 26.8591, 11.7129**, and if you desaturate by 10%, it is **21.9021, 29.1121, 19.4467**.

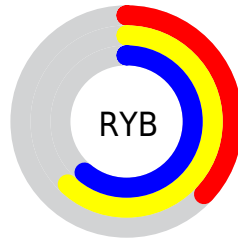
Distribution



Red (38%)

Green (62%)

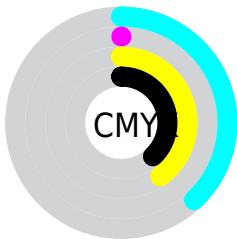
Blue (37%)



Red (37%)

Yellow (62%)

Blue (61%)

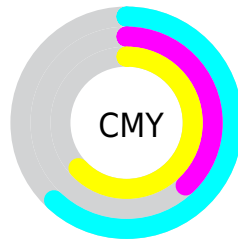


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3294, 27.8766, 15.1884 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 19.3294, 27.8766, 15.1884 by changing the saturation by 10% instead.

■ 19.3294, 27.8766,
15.1884

■ 19.3294, 27.8766,
15.1884

241.1646,
291.8768, 236.1837

■ 12.0140, 18.2327,
8.8036

■ 41.8026, 56.2874,
35.9303

■ 6.8254, 11.1172,
4.5183

■ 57.6910, 75.8230,
51.1245

■ 3.3985, 6.1457,
1.9137

■ 77.1677, 99.4246,
70.0923

■ 1.3679, 2.9339,
0.5015

■ 100.5983,
127.4767, 93.2522

■ 0.2331, 1.0973,
0.0000

128.3478,
160.3635, 121.0228

■ 0.0000, 0.0000,
0.0000

160.7819,

198.4695, 153.8225

198.2657,
242.1792, 192.0699

■ 19.3294, 27.8766,
15.1884

■ 19.3294, 27.8766,
15.1884

■ 17.2091, 26.8591,
11.7129

■ 21.9021, 29.1121,
19.4467

■ 15.5131, 26.0437,
8.9709

■ 24.9490, 30.5735,
24.5294

■ 14.2133, 25.4179,
6.9103


■ 28.4930, 32.2725,
30.4775


■ 13.2777, 24.9664,
5.4715


■ 32.5551, 34.2192,
37.3286


■ 12.6688, 24.6716,
4.5846


■ 37.1548, 36.4228,
45.1181


 12.3250, 24.5050,
4.0861

 42.3108, 38.8922,
53.8797

 12.3216, 24.5034,
4.0802

 48.0407, 41.6359,
63.6451

 54.3617, 44.6619,
74.4448

 61.2898, 47.9781,
86.3080

Harmonies

Analogous

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



23.0632, 27.8766, 10.2685



19.3294, 27.8766, 15.1884



17.5904, 27.8766, 25.7168

Triad

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



19.3294, 27.8766, 15.1884



24.8234, 27.8766, 69.6655



37.3530, 27.8766, 21.1827

Complementary

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



19.3294, 27.8766, 15.1884



23.7826, 17.6225, 34.4972

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.



37.9911, 27.8766, 35.5151



19.3294, 27.8766, 15.1884



30.2533, 27.8766, 67.1805

Square

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



19.3294, 27.8766, 15.1884



20.4685, 27.8766, 59.2062



35.2452, 27.8766, 53.2525



33.6036, 27.8766, 12.8328

Rectangle

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



19.3294, 27.8766, 15.1884



17.6112, 27.8766, 36.0102



35.2452, 27.8766, 53.2525



37.9564, 27.8766, 25.3214

Sweetspot

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



19.3301, 27.8778, 15.1890



50.1381, 57.8359, 52.6491



27.8637, 31.4895, 15.4364



11.1236, 12.9528, 11.5673



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.3301, 27.8778, 15.1890



31.5772, 48.9310, 21.8025



20.5442, 28.3267, 23.2396



6.5785, 7.4154, 7.0702



9.8775, 19.6288, 3.2681



0.1842, 0.3549, 0.0588

Inverse Universe

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



23.7826, 17.6225, 34.4972



40.8190, 27.6162, 61.9225



22.1995, 17.0565, 23.1192



6.8729, 6.7385, 8.3451



15.0966, 7.2116, 26.5035



0.2785, 0.1334, 0.4743

Previews

White Background



This preview shows how the XYZ color 19.3294, 27.8766, 15.1884 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3294, 27.8766, 15.1884 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 × Fail

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

XYZ 19.3294, 27.8766, 15.1884

Background



This preview shows how black text looks on a background with the XYZ color 19.3294, 27.8766, 15.1884.



This preview shows how white text looks on a background with the XYZ color 19.3294, 27.8766,

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

19.3294, 27.8766, 15.1884

Protanopia

25.3359, 27.4341, 13.4112

Deuteranopia

28.0405, 27.4693, 15.8808



Tritanopia

23.9835, 27.8008, 38.2845

Trichromacy



Original Color

19.3294, 27.8766, 15.1884

Protanomaly

22.4699, 27.0860, 13.9414

Deuteranomaly

23.8316, 27.0619, 15.5227

Tritanomaly

21.9225, 27.6816, 28.2324

Monochromacy



Original Color

19.3294, 27.8766, 15.1884

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

20.7485, 24.6710, 21.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3294, 27.8766, 15.1884 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(98, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(98, 158, 95)  
}
```

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(98, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 158, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.3294, 27.8766, 15.1884 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(98, 158, 95) }
```


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

```
.border{ border-color:rgb(98, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(98, 158,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3294, 27.8766, 15.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 158, 95) }
```

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

```
.background{ background-color: rgb(98, 158,  
95) }
```

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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