

Converting Colors

XYZ(19.3192, 27.9321, 15.6151)

Have a look what the booklet for
XYZ(19.3192, 27.9321, 15.6151)
contains.

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Color

**XYZ(19.3143, 27.8582,
15.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	619E61
RGB	97, 158, 97
RGB Percent	38%, 62%, 38%
CMY	0.6196, 0.3804, 0.6196
CMYK	0.39, 0.00, 0.39, 0.38
HSL	120°, 24%, 50%
HSV	120°, 39%, 62%
XYZ	19.3143, 27.8582, 15.6685
YIQ	132.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

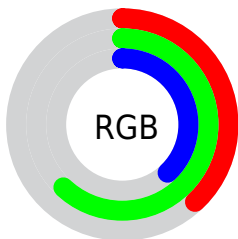
Format	Color
R_{YB}	97, 158, 158
Decimal	6397537
CIE _{Lab}	59.76, -32.60, 25.82
CIE _{LCh}	60, 41.581, 141.622
Yxy	27.8582, 0.3074, 0.4433
Android (android.graphics.Color)	4284587617 (0xFF619E61)
YUV	132.8070, -17.6529, -31.4027
Hunter-Lab	52.7809, -27.0473, 19.3458

Details

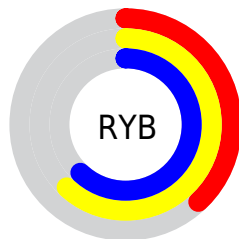
The XYZ color **19.3143, 27.8582, 15.6685** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.5477, 18.2876, 34.5847**, and the grayscale version is **22.2912, 23.4521, 25.5394**.

A 20% lighter version of the original color is **41.7172, 56.2106, 36.6680**, and **6.7906, 11.0877, 4.6880** is the 20% darker color. If you saturate the color by 10%, you get **17.1307, 26.8102, 12.0963**, and if you desaturate by 10%, it is **21.9814, 29.1402, 20.0304**.

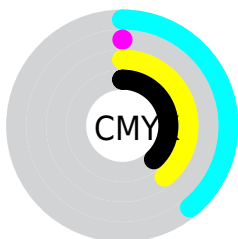
Distribution



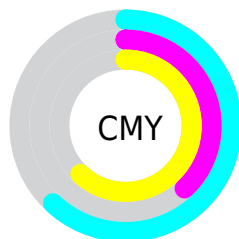
- Red (38%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (62%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3143, 27.8582, 15.6685 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 19.3143, 27.8582, 15.6685 by changing the saturation by 10% instead.

■ 19.3143, 27.8582,
15.6685

■ 19.3143, 27.8582,
15.6685

241.0834,
291.7887, 239.1561

■ 12.0030, 18.2188,
9.1381

■ 41.7773, 56.2580,
36.7805

■ 6.8179, 11.1072,
4.7333

■ 57.6597, 75.7871,
52.1991

■ 3.3938, 6.1390,
2.0357

■ 77.1297, 99.3817,
71.4176

■ 1.3653, 2.9298,
0.5771

■ 100.5529,
127.4260, 94.8544

■ 0.2313, 1.0952,
0.0000

128.2945,
160.3044, 122.9281

■ 0.0000, 0.0000,
0.0000

160.7199,

198.4014, 156.0573

198.1944,
242.1014, 194.6605

■ 19.3143, 27.8582,
15.6685

■ 19.3143, 27.8582,
15.6685

■ 17.1307, 26.8102,
12.0963

■ 21.9814, 29.1402,
20.0304

■ 15.3998, 25.9787,
9.2650

■ 25.1562, 30.6652,
25.2235

■ 14.0903, 25.3497,
7.1231


■ 28.8641, 32.4463,
31.2883


■ 13.1664, 24.9059,
5.6118


■ 33.1279, 34.4944,
38.2624


■ 12.5861, 24.6271,
4.6625


■ 37.9691, 36.8199,
46.1810


 12.2670, 24.4739,
4.1406

 43.4082, 39.4325,
55.0775

 12.2274, 24.4549,
4.0759

 49.4645, 42.3417,
64.9836

 56.1568, 45.5564,
75.9298

 63.5026, 49.0849,
87.9451

Harmonies

Analogous

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



22.9234, 27.8582, 10.5866



19.3143, 27.8582, 15.6685



17.6793, 27.8582, 26.3049

Triad

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



19.3143, 27.8582, 15.6685



25.0318, 27.8582, 68.9646



37.0384, 27.8582, 20.8619

Complementary

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



19.3143, 27.8582, 15.6685



24.5477, 18.2876, 34.5847

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.



37.7987, 27.8582, 34.7524



19.3143, 27.8582, 15.6685



30.3831, 27.8582, 66.0178

Square

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



19.3143, 27.8582, 15.6685



20.6820, 27.8582, 59.1800



35.2255, 27.8582, 52.1060



33.2676, 27.8582, 12.8197

Rectangle

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



19.3143, 27.8582, 15.6685



17.7553, 27.8582, 36.5507



35.2255, 27.8582, 52.1060



37.6728, 27.8582, 24.8634

Sweetspot

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



19.3150, 27.8594, 15.6691



49.8588, 57.6919, 52.6363



28.4863, 32.5874, 16.0980



11.0556, 12.9177, 11.5642



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.



19.3150, 27.8594, 15.6691



31.7263, 48.9820, 22.9774



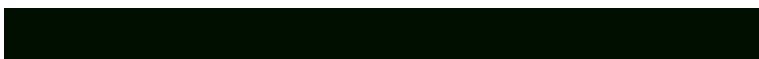
21.0208, 28.5417, 24.6518



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



24.5477, 18.2876, 34.5847



42.5571, 29.1700, 62.1294



22.2395, 17.3644, 22.4301



6.9042, 6.7546, 8.3465



16.2356, 7.7988, 26.5556



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 19.3143, 27.8582, 15.6685 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 19.3143, 27.8582, 15.6685 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 19.3143, 27.8582, 15.6685

Background



This preview shows how black text looks on a background with the XYZ color 19.3143, 27.8582, 15.6685.



This preview shows how white text looks on a background with the XYZ color 19.3143, 27.8582,

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

19.3143, 27.8582, 15.6685

Protanopia

25.4211, 27.4682, 13.8596

Deuteranopia

27.9215, 27.3967, 16.3868



Tritanopia

23.8583, 27.7363, 38.2786

Trichromacy



Original Color

19.3143, 27.8582, 15.6685

Protanomaly

22.5574, 27.1210, 14.4019

Deuteranomaly

23.7533, 27.0105, 16.0182

Tritanomaly

21.8044, 27.6207, 28.2269

Monochromacy



Original Color

19.3143, 27.8582, 15.6685

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

20.8089, 24.6951, 21.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3143, 27.8582, 15.6685 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(97, 158, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 158, 97)  
}
```

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(97, 158, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 158, 97) }
```

Border

The CSS property to change the border of an element to XYZ 19.3143, 27.8582, 15.6685 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(97, 158, 97) }
```


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

```
.border{ border-color:rgb(97, 158, 97) }
```

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

Here you see how a box with a 4 pixel rgb(97, 158, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 158, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 158, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 158,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3143, 27.8582, 15.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 158, 97) }
```

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

```
.background{ background-color: rgb(97, 158,  
97) }
```

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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