

Converting Colors

XYZ(19.3941, 28.1643, 15.2414)

Have a look what the booklet for
XYZ(19.3941, 28.1643, 15.2414)
contains.

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Color

**XYZ(19.3935, 28.1639,
15.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	619F5F
RGB	97, 159, 95
RGB Percent	38%, 62%, 37%
CMY	0.6196, 0.3765, 0.6274
CMYK	0.39, 0.00, 0.40, 0.38
HSL	118°, 25%, 50%
HSV	118°, 40%, 62%
XYZ	19.3935, 28.1639, 15.2405
YIQ	133.1660, -16.4080, -33.0480

Conversions

Conversions Part 2

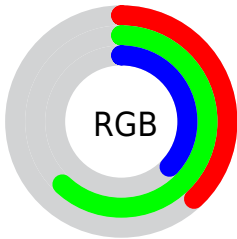
Format	Color
RYB	95, 159, 157
Decimal	6397791
CIELab	60.04, -33.39, 27.25
CIELCh	60, 43.098, 140.773
Yxy	28.1639, 0.3088, 0.4485
Android (android.graphics.Color)	4284587871 (0xFF619F5F)
YUV	133.1660, -18.8158, -31.7176
Hunter-Lab	53.0697, -27.6418, 20.1219

Details

The XYZ color **19.3935, 28.1639, 15.2405** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.2561, 17.8566, 34.9706**, and the grayscale version is **22.4262, 23.5941, 25.6939**.

A 20% lighter version of the original color is **41.8126, 56.6525, 35.9254**, and **6.8530, 11.2785, 4.5051** is the 20% darker color. If you saturate the color by 10%, you get **17.2584, 27.1392, 11.7453**, and if you desaturate by 10%, it is **21.9963, 29.4143, 19.5289**.

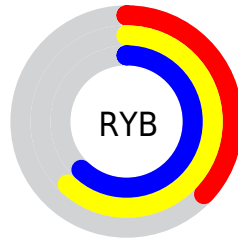
Distribution



Red (38%)

Green (62%)

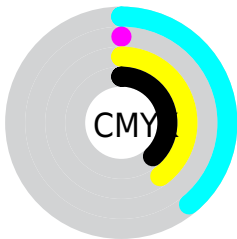
Blue (37%)



Red (37%)

Yellow (62%)

Blue (62%)

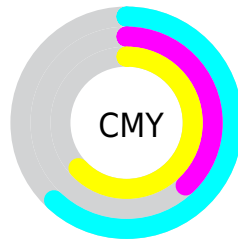


Cyan (39%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3935, 28.1639, 15.2405 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 19.3935, 28.1639, 15.2405 by changing the saturation by 10% instead.

■ 19.3935, 28.1639,
15.2405

■ 19.3935, 28.1639,
15.2405

241.5092,
293.2493, 236.5080

■ 12.0606, 18.4492,
8.8399

■ 41.9097, 56.7460,
36.0228

■ 6.8575, 11.2730,
4.5415

■ 57.8238, 76.3823,
51.2415

■ 3.4187, 6.2508,
1.9269

■ 77.3290, 100.0945,
70.2367

■ 1.3788, 2.9982,
0.5097

■ 100.7907,
128.2671, 93.4268

■ 0.2411, 1.1308,
0.0000

128.5742,
161.2845, 121.2305

■ 0.0000, 0.0040,
0.0000

161.0449,

■ 0.0000, 0.0000,

199.5311, 154.0662

0.0000

198.5681,
243.3912, 192.3526

■ 19.3935, 28.1639,
15.2405

■ 19.3935, 28.1639,
15.2405

■ 17.2584, 27.1392,
11.7453

■ 21.9963, 29.4143,
19.5289

■ 15.5614, 26.3235,
8.9929

■ 25.0899, 30.8989,
24.6529

■ 14.2726, 25.7034,
6.9303


■ 28.6986, 32.6301,
30.6544


■ 13.3577, 25.2626,
5.4963


■ 32.8443, 34.6185,
37.5716


■ 12.7767, 24.9819,
4.6194


■ 37.5477, 36.8739,
45.4406

 12.4609, 24.8294,
4.1358

 42.8285, 39.4058,
54.2956

 48.7053, 42.2229,
64.1692

 55.1958, 45.3339,
75.0921

 62.3173, 48.7468,
87.0942

Harmonies

Analogous

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



23.1955, 28.1639, 10.1894



19.3935, 28.1639, 15.2405



17.6398, 28.1639, 26.0675

Triad

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



19.3935, 28.1639, 15.2405



25.1111, 28.1639, 71.2526



37.9064, 28.1639, 21.1413

Complementary

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



19.3935, 28.1639, 15.2405



24.2561, 17.8566, 34.9706

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.



38.6040, 28.1639, 35.7752



19.3935, 28.1639, 15.2405



30.6917, 28.1639, 68.5256

Square

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



19.3935, 28.1639, 15.2405



20.6307, 28.1639, 60.5666



35.8110, 28.1639, 54.0433



34.0179, 28.1639, 12.6973

Rectangle

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



19.3935, 28.1639, 15.2405



17.6773, 28.1639, 36.6734



35.8110, 28.1639, 54.0433



38.5409, 28.1639, 25.3528

Sweetspot

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



19.3942, 28.1651, 15.2411



50.0419, 57.7863, 52.6446



28.3993, 32.2674, 15.5583



11.1002, 12.9407, 11.5662



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.



19.3942, 28.1651, 15.2411



31.3724, 48.8254, 21.7929



20.8115, 28.7077, 23.8025



6.5690, 7.4104, 7.0698



9.8483, 19.6137, 3.2668



0.1811, 0.3533, 0.0586

Inverse Universe

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



24.2561, 17.8566, 34.9706



41.2598, 27.8435, 61.9431



22.3626, 17.1446, 22.9469



6.8837, 6.7440, 8.3456



15.4802, 7.4094, 26.5215



0.2825, 0.1354, 0.4745

Previews

White Background



This preview shows how the XYZ color 19.3935, 28.1639, 15.2405 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 19.3935, 28.1639, 15.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

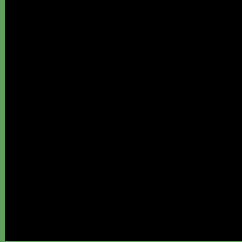
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3935, 28.1639, 15.2405

Background



This preview shows how black text looks on a background with the XYZ color 19.3935, 28.1639, 15.2405.



This preview shows how white text looks on a background with the XYZ color 19.3935, 28.1639,

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

19.3935, 28.1639, 15.2405

Protanopia

25.6811, 27.8359, 13.4705

Deuteranopia

28.4020, 27.8677, 15.9387



Tritanopia

24.1079, 28.0926, 38.8021

Trichromacy



Original Color

19.3935, 28.1639, 15.2405

Protanomaly

22.6274, 27.4011, 13.9939

Deuteranomaly

24.1605, 27.4594, 15.5821

Tritanomaly

21.9687, 27.9494, 28.2817

Monochromacy



Original Color

19.3935, 28.1639, 15.2405

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 19.3935, 28.1639, 15.2405 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, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(97, 159, 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(97, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 159, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.3935, 28.1639, 15.2405 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, 159, 95) }
```


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

```
.border{ border-color:rgb(97, 159, 95) }
```

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

Here you see how a box with a 4 pixel rgb(97, 159, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(97, 159,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3935, 28.1639, 15.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 159, 95) }
```

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

```
.background{ background-color: rgb(97, 159,  
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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