

Converting Colors

XYZ(19.7365, 28.8007, 15.5469)

Have a look what the booklet for
XYZ(19.7365, 28.8007, 15.5469)
contains.

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Color

**XYZ(19.7860, 28.8757,
15.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	61A160
RGB	97, 161, 96
RGB Percent	38%, 63%, 38%
CMY	0.6196, 0.3686, 0.6235
CMYK	0.40, 0.00, 0.40, 0.37
HSL	119°, 26%, 50%
HSV	119°, 40%, 63%
XYZ	19.7860, 28.8757, 15.5971
YIQ	134.4540, -17.2790, -33.7830

Conversions

Conversions Part 2

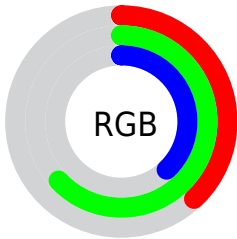
Format	Color
RYB	96, 161, 160
Decimal	6398304
CIELab	60.67, -34.15, 27.55
CIELCh	61, 43.876, 141.110
Yxy	28.8757, 0.3079, 0.4494
Android (android.graphics.Color)	4284588384 (0xFF61A160)
YUV	134.4540, -18.9578, -32.8472
Hunter-Lab	53.7361, -28.3133, 20.4061

Details

The XYZ color **19.7860, 28.8757, 15.5971** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.1145, 18.4135, 35.9503**, and the grayscale version is **22.9001, 24.0927, 26.2370**.

A 20% lighter version of the original color is **42.4000, 57.7023, 36.5067**, and **7.0843, 11.7086, 4.6829** is the 20% darker color. If you saturate the color by 10%, you get **17.5958, 27.8245, 12.0137**, and if you desaturate by 10%, it is **22.4670, 30.1641, 19.9972**.

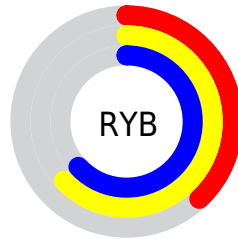
Distribution



Red (38%)

Green (63%)

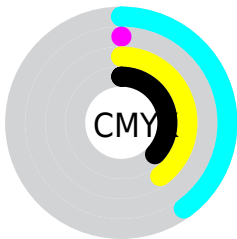
Blue (38%)



Red (38%)

Yellow (63%)

Blue (63%)

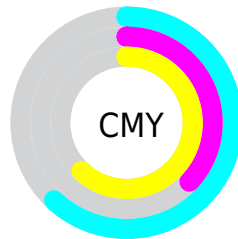


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (37%)



Cyan (62%)

Magenta (37%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7860, 28.8757, 15.5971 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 19.7860, 28.8757, 15.5971 by changing the saturation by 10% instead.

■ 19.7860, 28.8757,
15.5971

■ 19.7860, 28.8757,
15.5971

243.6099,
296.6280, 238.7164

■ 12.3469, 18.9868,
9.0883

■ 42.5648, 57.8795,
36.6543

■ 7.0543, 11.6607,
4.7012

■ 58.6352, 77.7633,
52.0398

■ 3.5427, 6.5131,
2.0174

■ 78.3135, 101.7474,
71.2212

■ 1.4468, 3.1595,
0.5659

■ 101.9650,
130.2164, 94.6171

■ 0.2892, 1.2156,
0.0000

129.9550,
163.5545, 122.6460

■ 0.0000, 0.0744,
0.0000

162.6489,

■ 0.0000, 0.0000,

202.1462, 155.7265

0.0000

200.4121,
246.3759, 194.2771

■ 19.7860, 28.8757,
15.5971

■ 19.7860, 28.8757,
15.5971

■ 17.5958, 27.8245,
12.0137

■ 22.4670, 30.1641,
19.9972

■ 15.8648, 26.9927,
9.1949

■ 25.6639, 31.6990,
25.2580

■ 14.5609, 26.3659,
7.0857


■ 29.4023, 33.4936,
31.4224


■ 13.6470, 25.9262,
5.6232


■ 33.7058, 35.5593,
38.5301


■ 13.0798, 25.6529,
4.7330


■ 38.5965, 37.9066,
46.6185

 12.7764, 25.5069,
4.2499

 44.0952, 40.5454,
55.7228

 50.2219, 43.4855,
65.8764

 56.9954, 46.7357,
77.1114

 64.4341, 50.3049,
89.4585

Harmonies

Analogous

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



23.6937, 28.8757, 10.3450



19.7860, 28.8757, 15.5971



18.0002, 28.8757, 26.8468

Triad

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



19.7860, 28.8757, 15.5971



25.7907, 28.8757, 73.6224



38.9583, 28.8757, 21.4594

Complementary

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



19.7860, 28.8757, 15.5971



25.1145, 18.4135, 35.9503

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.



39.7240, 28.8757, 36.5309



19.7860, 28.8757, 15.5971



31.5738, 28.8757, 70.6223

Square

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



19.7860, 28.8757, 15.5971



21.1387, 28.8757, 62.6456



36.8635, 28.8757, 55.4757



34.8963, 28.8757, 12.8263

Rectangle

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



19.7860, 28.8757, 15.5971



18.0558, 28.8757, 37.8676



36.8635, 28.8757, 55.4757



39.6300, 28.8757, 25.7856

Sweetspot

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



19.7867, 28.8769, 15.5977



51.3392, 59.3501, 54.1016



29.3670, 33.5359, 15.9921



11.0775, 12.9290, 11.5652



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.



19.7867, 28.8769, 15.5977



32.0355, 50.0810, 22.3706



21.4277, 29.5211, 24.7910



6.9952, 7.9000, 7.5363



10.2069, 20.3723, 3.3943



0.2173, 0.4295, 0.0715

Inverse Universe

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



25.1145, 18.4135, 35.9503



42.8493, 28.8344, 63.6937



22.8832, 17.5441, 23.1540



7.3535, 7.1966, 8.9046



16.4857, 7.9052, 27.5867



0.3496, 0.1677, 0.5798

Previews

White Background



This preview shows how the XYZ color 19.7860, 28.8757, 15.5971 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 19.7860, 28.8757, 15.5971 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 19.7860, 28.8757, 15.5971

Background



This preview shows how black text looks on a background with the XYZ color 19.7860, 28.8757, 15.5971.



This preview shows how white text looks on a background with the XYZ color 19.7860, 28.8757,

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

19.7860, 28.8757, 15.5971

Protanopia

26.4224, 28.6669, 13.8135

Deuteranopia

29.0371, 28.4035, 16.2639



Tritanopia

24.6132, 28.8141, 39.8617

Trichromacy



Original Color

19.7860, 28.8757, 15.5971

Protanomaly

23.1517, 28.1402, 14.3366

Deuteranomaly

24.5399, 27.8793, 15.8922

Tritanomaly

22.4478, 28.6736, 29.1624

Monochromacy



Original Color

19.7860, 28.8757, 15.5971

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.2486, 25.3675, 21.5458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7860, 28.8757, 15.5971 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, 161, 96)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 96)  
}
```

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, 161, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 96) }
```

Border

The CSS property to change the border of an element to XYZ 19.7860, 28.8757, 15.5971 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, 161, 96) }
```


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

```
.border{ border-color:rgb(97, 161, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 161, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 161, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 161, 96);  
box-shadow:4px 4px 4px 4px rgb(97, 161,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7860, 28.8757, 15.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 96) }
```

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

```
.background{ background-color: rgb(97, 161,  
96) }
```

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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