

Converting Colors

XYZ(19.6060, 28.7804, 17.6235)

Have a look what the booklet for
XYZ(19.6060, 28.7804, 17.6235)
contains.

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Color

**XYZ(19.5579, 28.7134,
17.6081)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5BA168 |
| RGB | 91, 161, 104 |
| RGB Percent | 36%, 63%, 41% |
| CMY | 0.6431, 0.3686, 0.5922 |
| CMYK | 0.43, 0.00, 0.35, 0.37 |
| HSL | 131°, 28%, 49% |
| HSV | 131°, 43%, 63% |
| XYZ | 19.5579, 28.7134, 17.6081 |
| YIQ | 133.5720, -23.4230, -32.5670 |

Conversions

Conversions Part 2

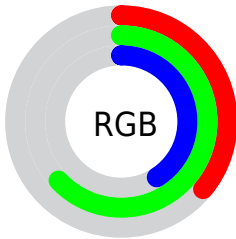
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 91, 150, 161 |
| Decimal | 6005096 |
| CIE _{Lab} | 60.53, -34.67, 22.98 |
| CIE _{LCh} | 61, 41.598, 146.464 |
| Yxy | 28.7134, 0.2969, 0.4358 |
| Android (android.graphics.Color) | 4284195176 (0xFF5BA168) |
| YUV | 133.5720, -14.5790, -37.3356 |
| Hunter-Lab | 53.5849, -28.6230, 18.0266 |

Details

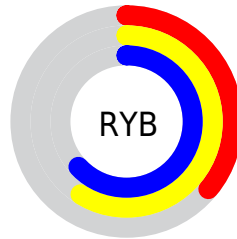
The XYZ color **19.5579, 28.7134, 17.6081** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7852, 17.1978, 30.0837**, and the grayscale version is **22.5614, 23.7364, 25.8489**.

A 20% lighter version of the original color is **42.0582, 57.4413, 40.3231**, and **6.9818, 11.6349, 5.6192** is the 20% darker color. If you saturate the color by 10%, you get **17.5229, 27.7362, 14.3031**, and if you desaturate by 10%, it is **22.0384, 29.9099, 21.4757**.

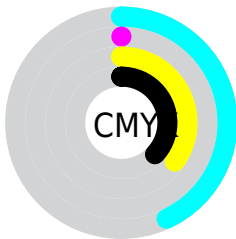
Distribution



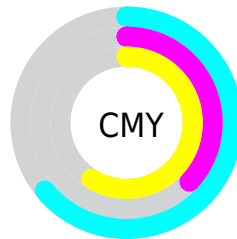
- Red (36%)
- Green (63%)
- Blue (41%)



- Red (36%)
- Yellow (59%)
- Blue (63%)



- Cyan (43%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5579, 28.7134, 17.6081 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 19.5579, 28.7134, 17.6081 by changing the saturation by 10% instead.

■ 19.5579, 28.7134,
17.6081

■ 19.5579, 28.7134,
17.6081

242.3910,
295.8603, 250.8142

■ 12.1805, 18.8641,
10.5025

■ 42.1843, 57.6214,
40.1733

■ 6.9398, 11.5721,
5.6234

■ 58.1641, 77.4490,
56.4699

■ 3.4705, 6.4531,
2.5524

■ 77.7420, 101.3714,
76.6673

■ 1.4072, 3.1225,
0.8677

■ 101.2833,
129.7730, 101.1839

■ 0.2613, 1.1960,
0.0000

129.1536,
163.0384, 130.4384

■ 0.0000, 0.0584,
0.0000

161.7181,

■ 0.0000, 0.0000,

201.5518, 164.8493

0.0000

199.3421,
245.6976, 204.8350

■ 19.5579, 28.7134,
17.6081

■ 19.5579, 28.7134,
17.6081

■ 17.5229, 27.7362,
14.3031

■ 22.0384, 29.9099,
21.4757

■ 15.9046, 26.9616,
11.5325

■ 24.9868, 31.3344,
25.9284

■ 14.6738, 26.3759,
9.2689


■ 28.4264, 32.9991,
30.9898


■ 13.7969, 25.9625,
7.4813


■ 32.3785, 34.9146,
36.6817


■ 13.2341, 25.7016,
6.1355


■ 36.8630, 37.0907,
43.0247

 12.9786, 25.5842,
5.4760

 41.8988, 39.5367,
50.0386

 47.5037, 42.2615,
57.7423

 53.6951, 45.2735,
66.1539

 60.4892, 48.5808,
75.2908

Harmonies

Analogous

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



22.9437, 28.7134, 11.5610



19.5579, 28.7134, 17.6081



18.2286, 28.7134, 29.4757

Triad

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



19.5579, 28.7134, 17.6081



26.6594, 28.7134, 71.0388



37.6170, 28.7134, 19.8511

Complementary

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



19.5579, 28.7134, 17.6081



23.7852, 17.1978, 30.0837

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.



38.9481, 28.7134, 33.1232



19.5579, 28.7134, 17.6081



32.1559, 28.7134, 65.9093

Square

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



19.5579, 28.7134, 17.6081



21.9753, 28.7134, 62.9564



36.8339, 28.7134, 50.6105



33.4019, 28.7134, 12.5261

Rectangle

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



19.5579, 28.7134, 17.6081



18.5388, 28.7134, 40.4159



36.8339, 28.7134, 50.6105



38.4386, 28.7134, 23.6098

Sweetspot

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



19.5586, 28.7146, 17.6087



51.0628, 59.1714, 55.7243



26.8772, 32.5580, 14.7653



10.8988, 12.8319, 11.7838



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.



19.5586, 28.7146, 17.6087



31.5457, 49.7501, 25.8889



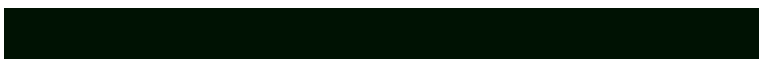
21.7081, 29.5744, 28.9275



7.0368, 7.9155, 7.8056



10.3767, 20.4370, 4.4345



0.2320, 0.4350, 0.1669

Inverse Universe

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



23.7852, 17.1978, 30.0837



40.0904, 26.4250, 51.0780



21.4298, 16.2557, 17.6806



7.3076, 7.1795, 8.6064



15.0300, 7.3680, 17.8803



0.3296, 0.1603, 0.4483

Previews

White Background



This preview shows how the XYZ color 19.5579, 28.7134, 17.6081 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 19.5579, 28.7134, 17.6081 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 19.5579, 28.7134, 17.6081

Background



This preview shows how black text looks on a background with the XYZ color 19.5579, 28.7134, 17.6081.



This preview shows how white text looks on a background with the XYZ color 19.5579, 28.7134,

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

19.5579, 28.7134, 17.6081

Protanopia

26.1877, 28.2820, 15.3880

Deuteranopia

28.7875, 28.2273, 18.3991



Tritanopia

23.9831, 28.4787, 40.3093

Trichromacy



Original Color

19.5579, 28.7134, 17.6081

Protanomaly

23.0397, 28.0399, 16.2545

Deuteranomaly

24.2429, 27.6798, 17.9749

Tritanomaly

21.9920, 28.4128, 30.3117

Monochromacy



Original Color

19.5579, 28.7134, 17.6081

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.0196, 25.2281, 22.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5579, 28.7134, 17.6081 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(91, 161, 104)` looks like.

```
.text, #text, p{  
    color:rgb(91, 161, 104)  
}
```

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(91, 161, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 161, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.5579, 28.7134, 17.6081 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(91, 161, 104) }
```


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

```
.border{ border-color:rgb(91, 161, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 161, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 161, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 161, 104);  
box-shadow:4px 4px 4px 4px rgb(91, 161,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5579, 28.7134, 17.6081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 161, 104) }
```

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

```
.background{ background-color: rgb(91, 161,  
104) }
```

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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