

Converting Colors

XYZ(19.7971, 30.4307, 17.9270)

Have a look what the booklet for
XYZ(19.7971, 30.4307, 17.9270)
contains.

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Color

**XYZ(19.7971, 30.4307,
17.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	52A768
RGB	82, 167, 104
RGB Percent	32%, 65%, 41%
CMY	0.6784, 0.3451, 0.5921
CMYK	0.51, 0.00, 0.38, 0.35
HSL	136°, 34%, 49%
HSV	136°, 51%, 65%
XYZ	19.7971, 30.4307, 17.9270
YIQ	134.4030, -30.4370, -37.6130

Conversions

Conversions Part 2

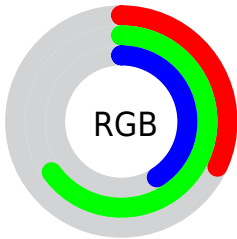
Format	Color
RYB	82, 150, 167
Decimal	5416808
CIELab	62.02, -39.92, 24.91
CIElCh	62, 47.057, 148.042
Yxy	30.4307, 0.2905, 0.4465
Android (android.graphics.Color)	4283606888 (0xFF52A768)
YUV	134.4030, -14.9887, -45.9574
Hunter-Lab	55.1640, -32.4775, 19.3470

Details

The XYZ color **19.7971, 30.4307, 17.9270** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **24.0655, 16.2951, 28.6661**, and the grayscale version is **22.8706, 24.0616, 26.2031**.

A 20% lighter version of the original color is **42.7050, 60.4940, 40.8782**, and **7.0404, 12.4796, 5.7791** is the 20% darker color. If you saturate the color by 10%, you get **17.9346, 29.5388, 14.7955**, and if you desaturate by 10%, it is **22.1069, 31.5442, 21.5625**.

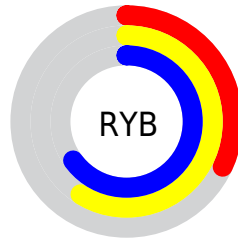
Distribution



Red (32%)

Green (65%)

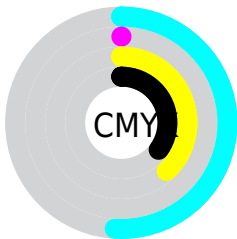
Blue (41%)



Red (32%)

Yellow (59%)

Blue (65%)

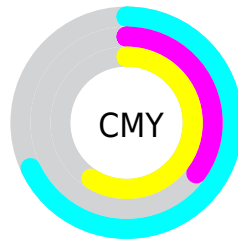


Cyan (51%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (68%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7971, 30.4307, 17.9270 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 19.7971, 30.4307, 17.9270 by changing the saturation by 10% instead.

■ 19.7971, 30.4307,
17.9270

■ 19.7971, 30.4307,
17.9270

243.6691,
303.9069, 252.6815

■ 12.3550, 20.1657,
10.7287

■ 42.5833, 60.3426,
40.7252

■ 7.0599, 12.5156,
5.7728

■ 58.6581, 80.7584,
57.1621

■ 3.5462, 7.0958,
2.6409

■ 78.3413, 105.3266,
77.5156

■ 1.4488, 3.5221,
0.9135

■ 101.9981,
134.4315, 102.2043

■ 0.2906, 1.4100,
0.0000

■ 129.9939,
168.4576, 131.6467

■ 0.0000, 0.2241,
0.0000

162.6942,

■ 0.0000, 0.0000,

207.7893, 166.2614

0.0000

200.4641,
252.8109, 206.4668

■ 19.7971, 30.4307,
17.9270

■ 19.7971, 30.4307,
17.9270

■ 17.9346, 29.5388,
14.7955

■ 22.1069, 31.5442,
21.5625

■ 16.4870, 28.8497,
12.1438

■ 24.8889, 32.8892,
25.7210

■ 15.4210, 28.3477,
9.9483

■ 28.1689, 34.4795,
30.4228

■ 14.6970, 28.0127,
8.1831

■ 31.9701, 36.3265,
35.6866

■ 14.2594, 27.8146,
6.9243

■ 36.3142, 38.4411,
41.5301

■ 41.2218, 40.8336,
47.9705

■ 46.7122, 43.5136,
55.0239

■ 52.8039, 46.4902,
62.7061

■ 59.5145, 49.7724,
71.0322

Harmonies

Analogous

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



23.5830, 30.4307, 10.9447



19.7971, 30.4307, 17.9270



18.4073, 30.4307, 31.9600

Triad

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



19.7971, 30.4307, 17.9270



28.5106, 30.4307, 81.4487



41.0169, 30.4307, 19.3282

Complementary

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



19.7971, 30.4307, 17.9270



24.0655, 16.2951, 28.6661

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.



42.8332, 30.4307, 34.3361



19.7971, 30.4307, 17.9270



35.0148, 30.4307, 74.2724

Square

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



19.7971, 30.4307, 17.9270



22.9615, 30.4307, 72.2562



40.4955, 30.4307, 55.1557



35.8373, 30.4307, 11.5223

Rectangle

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



19.7971, 30.4307, 17.9270



18.8472, 30.4307, 45.1117



40.4955, 30.4307, 55.1557



42.0714, 30.4307, 23.4894

Sweetspot

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



19.7979, 30.4320, 17.9277



54.1595, 63.5514, 59.6611



27.1525, 34.3361, 13.1795



11.8128, 14.0724, 12.9252



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.7979, 30.4320, 17.9277



31.7674, 52.7324, 25.8792



22.4682, 31.5001, 31.9893



7.5135, 8.4384, 8.4242



10.9286, 21.2902, 5.3909



0.2862, 0.5261, 0.2381

Inverse Universe

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



24.0655, 16.2951, 28.6661



40.2512, 24.5364, 47.1579



21.4153, 15.2350, 14.7104



7.7577, 7.6330, 9.0415



14.9885, 7.4041, 15.2829



0.3838, 0.1878, 0.4725

Previews

White Background



This preview shows how the XYZ color 19.7971, 30.4307, 17.9270 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19.7971, 30.4307, 17.9270 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 ✓ Pass

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

XYZ 19.7971, 30.4307, 17.9270

Background



This preview shows how black text looks on a background with the XYZ color 19.7971, 30.4307, 17.9270.



This preview shows how white text looks on a background with the XYZ color 19.7971, 30.4307,

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

19.7971, 30.4307, 17.9270

Protanopia

27.8054, 30.0393, 15.6419

Deuteranopia

30.5414, 30.0008, 18.9329



Tritanopia

24.9901, 30.4275, 43.5857

Trichromacy



Original Color

19.7971, 30.4307, 17.9270

Protanomaly

23.8616, 29.6836, 16.5285

Deuteranomaly

25.0903, 29.2900, 18.5185

Tritanomaly

22.7010, 30.2744, 32.2508

Monochromacy



Original Color

19.7971, 30.4307, 17.9270

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

20.9243, 25.6327, 22.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7971, 30.4307, 17.9270 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(82, 167, 104)` looks like.

```
.text, #text, p{  
    color:rgb(82, 167, 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(82, 167, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 167, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.7971, 30.4307, 17.9270 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(82, 167, 104) }
```


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

```
.border{ border-color:rgb(82, 167, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 167, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 167, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 167, 104);  
box-shadow:4px 4px 4px 4px rgb(82, 167,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7971, 30.4307, 17.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 167, 104) }
```

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

```
.background{ background-color: rgb(82, 167,  
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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