

Converting Colors

XYZ(17.9929, 27.3096, 21.1526)

Have a look what the booklet for
XYZ(17.9929, 27.3096, 21.1526)
contains.

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Color

**XYZ(17.9929, 27.3096,
21.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	449F75
RGB	68, 159, 117
RGB Percent	27%, 62%, 46%
CMY	0.7333, 0.3765, 0.5412
CMYK	0.57, 0.00, 0.26, 0.38
HSL	152°, 40%, 45%
HSV	152°, 57%, 62%
XYZ	17.9929, 27.3096, 21.1526
YIQ	127.0030, -40.7540, -32.3540

Conversions

Conversions Part 2

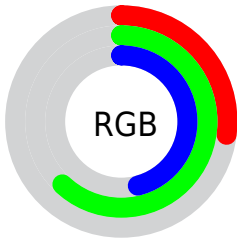
Format	Color
RYB	68, 127, 159
Decimal	4497269
CIELab	59.26, -37.30, 13.93
CIElCh	59, 39.816, 159.528
Yxy	27.3096, 0.2708, 0.4109
Android (android.graphics.Color)	4282687349 (0xFF449F75)
YUV	127.0030, -4.9315, -51.7456
Hunter-Lab	52.2586, -29.9941, 12.5823

Details

The XYZ color **17.9929, 27.3096, 21.1526** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.1805, 12.6315, 16.1799**, and the grayscale version is **20.2008, 21.2528, 23.1443**.

A 20% lighter version of the original color is **39.5202, 55.2428, 46.1161**, and **6.3319, 10.9451, 7.4091** is the 20% darker color. If you saturate the color by 10%, you get **16.6162, 26.6485, 18.9237**, and if you desaturate by 10%, it is **19.7057, 28.1415, 23.5751**.

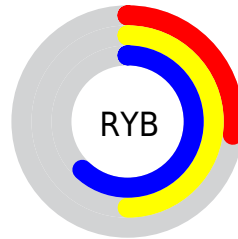
Distribution



Red (27%)

Green (62%)

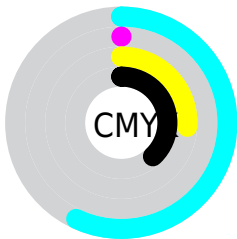
Blue (46%)



Red (27%)

Yellow (50%)

Blue (62%)

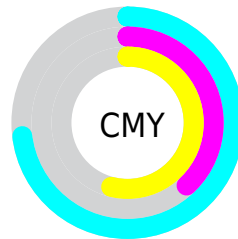


Cyan (57%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (73%)


Magenta (38%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9929, 27.3096, 21.1526 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 17.9929, 27.3096, 21.1526 by changing the saturation by 10% instead.


 17.9929, 27.3096,
21.1526


 17.9929, 27.3096,
21.1526


233.8774,
289.1530, 270.8960


 11.0445, 17.8059,
13.0433


 39.5554, 55.3803,
46.2254


 6.1643, 10.8107,
7.3273


 54.9003, 74.7160,
64.0260


 2.9869, 5.9397,
3.5861

 73.7747, 98.0979,
85.8941

 1.1468, 2.8084,
1.4011

 96.5440, 125.9103,
112.2483

 0.0637, 1.0326,
0.1426

 123.5736,
158.5376, 143.5070

 0.0000, 0.0000,
0.0000

155.2287,

196.3643, 180.0888

191.8749,
239.7746, 222.4123

■ 17.9929, 27.3096,
21.1526

■ 17.9929, 27.3096,
21.1526

■ 16.6162, 26.6485,
18.9237

■ 19.7057, 28.1415,
23.5751

■ 15.5476, 26.1418,
16.8812

■ 21.7752, 29.1525,
26.1941

■ 14.7582, 25.7752,
15.0202

■ 24.2231, 30.3546,
29.0152

■ 14.2006, 25.5244,
13.3342

■ 27.0684, 31.7573,
32.0429

■ 14.0629, 25.4630,
12.8968

■ 30.3291, 33.3699,
35.2814

■ 34.0216, 35.2009,
38.7352

■ 38.1620, 37.2583,
42.4083

■ 42.7650, 39.5498,
46.3047

■ 47.8449, 42.0826,
50.4282

Harmonies

Analogous

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



20.3366, 27.3096, 13.2252



17.9929, 27.3096, 21.1526



17.6259, 27.3096, 34.5007

Triad

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



17.9929, 27.3096, 21.1526



27.5715, 27.3096, 65.7241



34.0490, 27.3096, 15.4947

Complementary

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



17.9929, 27.3096, 21.1526



19.1805, 12.6315, 16.1799

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.



36.5700, 27.3096, 25.4306



17.9929, 27.3096, 21.1526



32.5277, 27.3096, 56.2398

Square

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



17.9929, 27.3096, 21.1526



22.7556, 27.3096, 63.4581



35.9803, 27.3096, 40.3733



29.4453, 27.3096, 10.7568

Rectangle

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



17.9929, 27.3096, 21.1526



18.4971, 27.3096, 45.3694



35.9803, 27.3096, 40.3733



35.1932, 27.3096, 18.1821

Sweetspot

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



17.9936, 27.3107, 21.1532



48.4256, 56.8477, 57.3327



19.9310, 28.5598, 9.9312



10.6908, 12.7044, 12.6911



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.



17.9936, 27.3107, 21.1532



29.1109, 47.4152, 32.7276



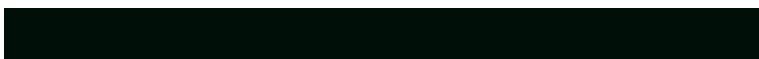
20.5256, 27.4990, 37.0283



6.6926, 7.4578, 7.8156



11.1282, 20.1192, 10.2979



0.2202, 0.3682, 0.2960

Inverse Universe

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



19.1805, 12.6315, 16.1799



31.4582, 18.4775, 22.9607



17.5976, 12.2995, 6.9156



6.7540, 6.6945, 7.5558



12.2738, 6.2141, 5.6927



0.2406, 0.1196, 0.2132

Previews

White Background



This preview shows how the XYZ color 17.9929, 27.3096, 21.1526 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 17.9929, 27.3096, 21.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

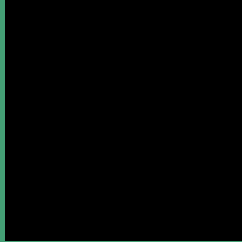
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9929, 27.3096, 21.1526

Background



This preview shows how black text looks on a background with the XYZ color 17.9929, 27.3096, 21.1526.



This preview shows how white text looks on a background with the XYZ color 17.9929, 27.3096,

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

17.9929, 27.3096, 21.1526

Protanopia

25.1958, 27.0294, 18.3572

Deuteranopia

27.2173, 26.6948, 22.1305



Tritanopia

21.7500, 27.3381, 39.7277

Trichromacy



Original Color

17.9929, 27.3096, 21.1526



Protanomaly

21.3997, 26.4146, 19.2999



Deuteranomaly

22.2655, 25.8918, 21.5934



Tritanomaly

20.2085, 27.2005, 32.2021

Monochromacy



Original Color

17.9929, 27.3096, 21.1526



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

18.7516, 22.9595, 22.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9929, 27.3096, 21.1526 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(68, 159, 117)` looks like.

```
.text, #text, p{  
    color:rgb(68, 159, 117)  
}
```

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(68, 159, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 159, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.9929, 27.3096, 21.1526 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(68, 159, 117) }
```


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

```
.border{ border-color:rgb(68, 159, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 159, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(68, 159, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(68, 159, 117); box-shadow:4px 4px 4px 4px rgb(68, 159, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9929, 27.3096, 21.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 159, 117) }
```

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

```
.background{ background-color: rgb(68, 159,  
117) }
```

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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