

Converting Colors

XYZ(17.6220, 27.7493, 15.9827)

Have a look what the booklet for
XYZ(17.6220, 27.7493, 15.9827)
contains.

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Color

**XYZ(17.6220, 27.7493,
15.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	48A162
RGB	72, 161, 98
RGB Percent	28%, 63%, 38%
CMY	0.7176, 0.3686, 0.6157
CMYK	0.55, 0.00, 0.39, 0.37
HSL	138°, 38%, 46%
HSV	138°, 55%, 63%
XYZ	17.6220, 27.7493, 15.9827
YIQ	127.2070, -32.8210, -38.4610

Conversions

Conversions Part 2

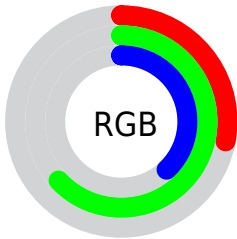
Format	Color
RYB	72, 141, 161
Decimal	4759906
CIELab	59.66, -41.02, 24.95
CIElCh	60, 48.011, 148.691
Yxy	27.7493, 0.2872, 0.4523
Android (android.graphics.Color)	4282949986 (0xFF48A162)
YUV	127.2070, -14.3991, -48.4165
Hunter-Lab	52.6776, -32.4730, 18.8854

Details

The XYZ color **17.6220, 27.7493, 15.9827** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.3894, 13.9617, 24.4902**, and the grayscale version is **20.3007, 21.3579, 23.2587**.

A 20% lighter version of the original color is **38.9901, 56.3077, 37.2472**, and **5.9383, 10.9554, 4.8192** is the 20% darker color. If you saturate the color by 10%, you get **16.0750, 27.0104, 13.2988**, and if you desaturate by 10%, it is **19.5614, 28.6832, 19.0863**.

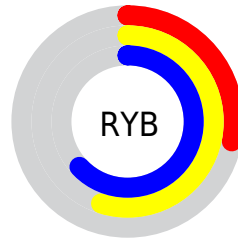
Distribution



Red (28%)

Green (63%)

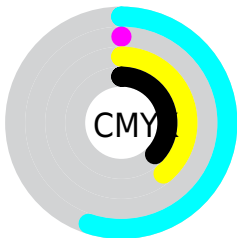
Blue (38%)



Red (28%)

Yellow (55%)

Blue (63%)

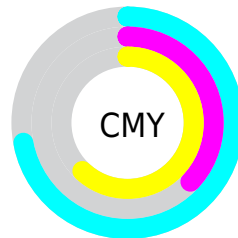


Cyan (55%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (72%)


Magenta (37%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6220, 27.7493, 15.9827 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 17.6220, 27.7493, 15.9827 by changing the saturation by 10% instead.


 17.6220, 27.7493,
15.9827


 17.6220, 27.7493,
15.9827


231.8188,
291.2670, 241.0818


 10.7770, 18.1368,
9.3577


 38.9273, 56.0839,
37.3345


 5.9833, 11.0482,
4.8752


 54.1183, 75.5748,
52.8985


 2.8755, 6.0993,
2.1168

 72.8220, 99.1273,
72.2791

 1.0883, 2.9055,
0.6257

 95.4038, 127.1257,
95.8950

 0.0153, 1.0826,
0.0000

 122.2290,
159.9545, 124.1646

 0.0000, 0.0000,
0.0000

153.6630,

197.9981, 157.5066

190.0711,
241.6408, 196.3395

■ 17.6220, 27.7493,
15.9827

■ 17.6220, 27.7493,
15.9827

■ 16.0750, 27.0104,
13.2988

■ 19.5614, 28.6832,
19.0863

■ 14.8899, 26.4488,
11.0144

■ 21.9165, 29.8214,
22.6245

■ 14.0351, 26.0493,
9.1107

■ 24.7112, 31.1767,
26.6143

■ 13.4697, 25.7915,
7.5663

■ 27.9670, 32.7599,
31.0706

■ 13.2592, 25.6963,
6.9540

■ 31.7039, 34.5809,
36.0081

■ 35.9408, 36.6493,
41.4407

■ 40.6954, 38.9738,
47.3816

■ 45.9847, 41.5630,
53.8437

■ 51.8248, 44.4249,
60.8392

Harmonies

Analogous

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



21.1685, 27.7493, 9.3813



17.6220, 27.7493, 15.9827



16.3593, 27.7493, 29.4586

Triad

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



17.6220, 27.7493, 15.9827



26.1097, 27.7493, 77.3424



37.9695, 27.7493, 16.8616

Complementary

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



17.6220, 27.7493, 15.9827



21.3894, 13.9617, 24.4902

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.



39.8183, 27.7493, 30.9827



17.6220, 27.7493, 15.9827



32.3717, 27.7493, 69.9434

Square

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



17.6220, 27.7493, 15.9827



20.7730, 27.7493, 68.6183



37.6313, 27.7493, 51.0769



32.9029, 27.7493, 9.7350

Rectangle

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



17.6220, 27.7493, 15.9827



16.8080, 27.7493, 42.2156



37.6313, 27.7493, 51.0769



39.0192, 27.7493, 20.7348

Sweetspot

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



17.6227, 27.7504, 15.9833



48.8263, 58.0555, 53.9454



24.0338, 31.1750, 10.8819



10.4646, 12.6139, 11.5000



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.



17.6227, 27.7504, 15.9833



28.3223, 48.1499, 22.9587



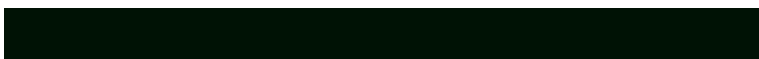
20.2794, 28.8131, 29.9735



7.0667, 7.9275, 7.9631



10.6052, 20.5284, 5.6375



0.2425, 0.4392, 0.2217

Inverse Universe

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



21.3894, 13.9617, 24.4902



35.7232, 20.9448, 39.5898



18.9167, 12.9726, 11.4691



7.2757, 7.1667, 8.4383



14.1814, 7.0286, 13.4118



0.3170, 0.1553, 0.3818

Previews

White Background



This preview shows how the XYZ color 17.6220, 27.7493, 15.9827 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 17.6220, 27.7493, 15.9827 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 17.6220, 27.7493, 15.9827

Background



This preview shows how black text looks on a background with the XYZ color 17.6220, 27.7493, 15.9827.



This preview shows how white text looks on a background with the XYZ color 17.6220, 27.7493,

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

17.6220, 27.7493, 15.9827

Protanopia

25.2284, 27.3688, 13.8506

Deuteranopia

27.8065, 27.3258, 16.9055



Tritanopia

22.3992, 27.6727, 39.7581

Trichromacy



Original Color

17.6220, 27.7493, 15.9827



Protanomaly

21.3842, 26.9808, 14.6704



Deuteranomaly

22.5087, 26.5854, 16.5155



Tritanomaly

20.2635, 27.5390, 29.4469

Monochromacy



Original Color

17.6220, 27.7493, 15.9827



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

18.4484, 22.8520, 19.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6220, 27.7493, 15.9827 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(72, 161, 98)` looks like.

```
.text, #text, p{  
    color:rgb(72, 161, 98)  
}
```

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(72, 161, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 161, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.6220, 27.7493, 15.9827 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(72, 161, 98) }
```


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

```
.border{ border-color:rgb(72, 161, 98) }
```

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

Here you see how a box with a 4 pixel rgb(72, 161, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 161, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 161, 98);  
box-shadow:4px 4px 4px 4px rgb(72, 161,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6220, 27.7493, 15.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 161, 98) }
```

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

```
.background{ background-color: rgb(72, 161,  
98) }
```

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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