

Converting Colors

XYZ(17.9479, 27.2994, 9.0260)

Have a look what the booklet for
XYZ(17.9479, 27.2994, 9.0260)
contains.

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Color

**XYZ(17.9479, 27.2994,
9.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	609E3F
RGB	96, 158, 63
RGB Percent	38%, 62%, 25%
CMY	0.6235, 0.3804, 0.7529
CMYK	0.39, 0.00, 0.60, 0.38
HSL	99°, 43%, 43%
HSV	99°, 60%, 62%
XYZ	17.9479, 27.2994, 9.0260
YIQ	128.6320, -6.4570, -42.6890

Conversions

Conversions Part 2

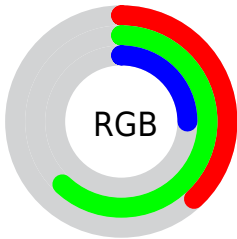
Format	Color
RYB	63, 158, 125
Decimal	6331967
CIELab	59.25, -37.50, 42.54
CIELCh	59, 56.707, 131.399
Yxy	27.2994, 0.3307, 0.5030
Android (android.graphics.Color)	4284522047 (0xFF609E3F)
YUV	128.6320, -32.3566, -28.6183
Hunter-Lab	52.2488, -30.1192, 26.3318

Details

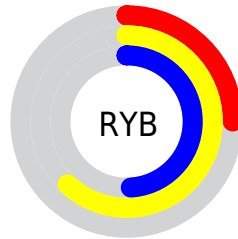
The XYZ color **17.9479, 27.2994, 9.0260** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.4079, 10.3846, 33.4889**, and the grayscale version is **20.8492, 21.9350, 23.8872**.

A 20% lighter version of the original color is **39.4092, 55.2874, 24.5140**, and **6.1527, 10.8178, 1.9935** is the 20% darker color. If you saturate the color by 10%, you get **16.5536, 26.6254, 6.9775**, and if you desaturate by 10%, it is **19.6126, 28.0999, 11.7498**.

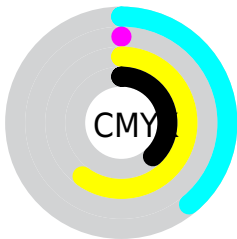
Distribution



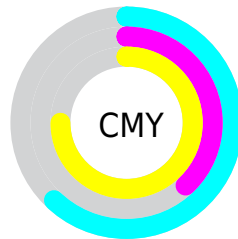
- Red (38%)
- Green (62%)
- Blue (25%)



- Red (25%)
- Yellow (62%)
- Blue (49%)



- Cyan (39%)
- Magenta (0%)
- Yellow (60%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9479, 27.2994, 9.0260 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 17.9479, 27.2994, 9.0260 by changing the saturation by 10% instead.

■ 17.9479, 27.2994,
9.0260

■ 17.9479, 27.2994,
9.0260

233.6285,
289.1039, 193.7969

■ 11.0121, 17.7982,
4.6611

■ 39.4793, 55.3639,
24.5251

■ 6.1423, 10.8052,
1.9946

■ 54.8056, 74.6961,
36.4965

■ 2.9733, 5.9360,
0.5519

■ 73.6594, 98.0740,
51.8403

■ 1.1396, 2.8062,
0.0000

■ 96.4060, 125.8820,
70.9753

■ 0.0579, 1.0314,
0.0000

■ 123.4109,
158.5047, 94.3199

■ 0.0000, 0.0000,
0.0000

155.0394,

196.3262, 122.2927

191.6568,
239.7312, 155.3122

■ 17.9479, 27.2994,
9.0260

■ 17.9479, 27.2994,
9.0260

■ 16.5536, 26.6254,
6.9775

■ 19.6126, 28.0999,
11.7498

■ 15.4112, 26.0670,
5.5435

■ 21.5608, 29.0299,
15.1992

■ 14.5021, 25.6171,
4.6550

■ 23.8069, 30.0967,
19.4219

■ 13.7964, 25.2637,
4.1492

■ 26.3640, 31.3060,
24.4610

■ 29.2438, 32.6631,
30.3563

■ 32.4580, 34.1731,
37.1451

■ 36.0171, 35.8408,
44.8626

■ 39.9316, 37.6707,
53.5418

■ 44.2112, 39.6673,
63.2144

Harmonies

Analogous

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



23.3493, 27.2994, 5.5497



17.9479, 27.2994, 9.0260



15.0682, 27.2994, 18.9451

Triad

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



17.9479, 27.2994, 9.0260



21.8440, 27.2994, 84.0791



41.7049, 27.2994, 22.6673

Complementary

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



17.9479, 27.2994, 9.0260



16.4079, 10.3846, 33.4889

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.



41.1008, 27.2994, 43.9701



17.9479, 27.2994, 9.0260



28.7311, 27.2994, 86.6387

Square

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



17.9479, 27.2994, 9.0260



17.0191, 27.2994, 63.6668



36.0277, 27.2994, 69.5935



37.5530, 27.2994, 10.6819

Rectangle

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



17.9479, 27.2994, 9.0260



14.5815, 27.2994, 30.6865



36.0277, 27.2994, 69.5935



42.0687, 27.2994, 28.7826

Sweetspot

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



17.9486, 27.3006, 9.0266



48.7589, 57.2662, 46.2026



22.3009, 22.2332, 7.8191



10.6834, 12.7646, 9.7937



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.



17.9486, 27.3006, 9.0266



29.3303, 47.9939, 11.6988



15.6260, 26.0511, 11.2729



6.7572, 7.5075, 7.0786



11.0882, 20.2529, 3.3248



0.2416, 0.3845, 0.0615

Inverse Universe

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



16.4079, 10.3846, 33.4889



26.2099, 14.4507, 60.1513



20.8941, 12.8309, 27.6622



6.6803, 6.6392, 8.3361



9.4774, 4.3148, 26.2406



0.2134, 0.0998, 0.4712

Previews

White Background



This preview shows how the XYZ color 17.9479, 27.2994, 9.0260 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 17.9479, 27.2994, 9.0260 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 17.9479, 27.2994, 9.0260

Background



This preview shows how black text looks on a background with the XYZ color 17.9479, 27.2994, 9.0260.



This preview shows how white text looks on a background with the XYZ color 17.9479, 27.2994,

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

17.9479, 27.2994, 9.0260

Protanopia

24.5373, 26.9206, 7.9059

Deuteranopia

27.4487, 26.8841, 9.5368



Tritanopia

23.6172, 27.1626, 37.2559

Trichromacy



Original Color

17.9479, 27.2994, 9.0260

Protanomaly

21.3972, 26.6570, 8.2925

Deuteranomaly

22.6896, 26.1612, 9.1639

Tritanomaly

20.8738, 27.0013, 23.5136

Monochromacy



Original Color

17.9479, 27.2994, 9.0260

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.2640, 23.5580, 16.8964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9479, 27.2994, 9.0260 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(96, 158, 63)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 63)  
}
```

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(96, 158, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 63) }
```

Border

The CSS property to change the border of an element to XYZ 17.9479, 27.2994, 9.0260 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(96, 158, 63) }
```


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

```
.border{ border-color:rgb(96, 158, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 63);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9479, 27.2994, 9.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 63) }
```

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

```
.background{ background-color: rgb(96, 158,  
63) }
```

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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