

Converting Colors

XYZ(18.2563, 27.3600, 17.2700)

Have a look what the booklet for
XYZ(18.2563, 27.3600, 17.2700)
contains.

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Color

**XYZ(18.1547, 27.2268,
17.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	529E67
RGB	82, 158, 103
RGB Percent	32%, 62%, 40%
CMY	0.6784, 0.3804, 0.5961
CMYK	0.48, 0.00, 0.35, 0.38
HSL	137°, 32%, 47%
HSV	137°, 48%, 62%
XYZ	18.1547, 27.2268, 17.1304
YIQ	129.0060, -27.6410, -33.2170

Conversions

Conversions Part 2

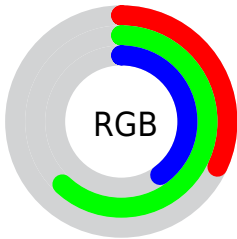
Format	Color
R_{YB}	82, 142, 158
Decimal	5414503
CIE _{Lab}	59.18, -36.12, 21.66
CIE _{LCh}	59, 42.112, 149.049
Yxy	27.2268, 0.2904, 0.4355
Android (android.graphics.Color)	4283604583 (0xFF529E67)
YUV	129.0060, -12.8210, -41.2243
Hunter-Lab	52.1793, -29.2084, 17.0607

Details

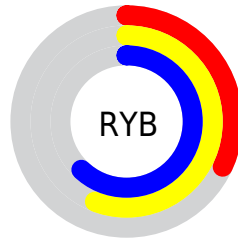
The XYZ color **18.1547, 27.2268, 17.1304** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.6341, 15.1104, 25.4442**, and the grayscale version is **20.9193, 22.0088, 23.9675**.

A 20% lighter version of the original color is **39.7803, 55.1558, 39.1213**, and **6.2445, 10.7906, 5.3681** is the 20% darker color. If you saturate the color by 10%, you get **16.4006, 26.3851, 14.2547**, and if you desaturate by 10%, it is **20.3051, 28.2652, 20.4356**.

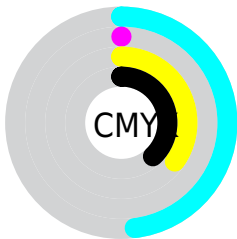
Distribution



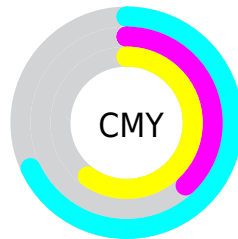
- Red (32%)
- Green (62%)
- Blue (40%)



- Red (32%)
- Yellow (56%)
- Blue (62%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)



- Cyan (68%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1547, 27.2268, 17.1304 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 18.1547, 27.2268, 17.1304 by changing the saturation by 10% instead.

■ 18.1547, 27.2268,
17.1304

■ 18.1547, 27.2268,
17.1304

234.7703,
288.7536, 247.9921

■ 11.1615, 17.7436,
10.1646

■ 39.8288, 55.2476,
39.3436

■ 6.2436, 10.7661,
5.4012

■ 55.2403, 74.5540,
55.4280

■ 3.0359, 5.9098,
2.4217

■ 74.1887, 97.9036,
75.3890

■ 1.1728, 2.7903,
0.7982

■ 97.0393, 125.6808,
99.6451

■ 0.0847, 1.0233,
0.0000

■ 124.1573,
158.2700, 128.6150

■ 0.0000, 0.0000,
0.0000

155.9083,

196.0556, 162.7171

192.6575,
239.4220, 202.3699

■ 18.1547, 27.2268,
17.1304

■ 18.1547, 27.2268,
17.1304

■ 16.4006, 26.3851,
14.2547

■ 20.3051, 28.2652,
20.4356

■ 15.0155, 25.7242,
11.7890

■ 22.8726, 29.5085,
24.1851

■ 13.9718, 25.2310,
9.7149


■ 25.8791, 30.9683,
28.3953


■ 13.2372, 24.8892,
8.0119


■ 29.3441, 32.6545,
33.0811


■ 12.7547, 24.6700,
6.6567


■ 33.2862, 34.5762,
38.2570

 12.6756, 24.6340,
6.4361

 37.7228, 36.7422,
43.9365

 42.6703, 39.1608,
50.1328

 48.1447, 41.8397,
56.8587

 54.1609, 44.7865,
64.1263

Harmonies

Analogous

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



21.2823, 27.2268, 10.8817



18.1547, 27.2268, 17.1304



17.0451, 27.2268, 29.1686

Triad

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



18.1547, 27.2268, 17.1304



25.7112, 27.2268, 68.9336



35.7374, 27.2268, 17.7129

Complementary

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



18.1547, 27.2268, 17.1304



21.6341, 15.1104, 25.4442

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.



37.3327, 27.2268, 30.1273



18.1547, 27.2268, 17.1304



31.0924, 27.2268, 62.7555

Square

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



18.1547, 27.2268, 17.1304



21.0288, 27.2268, 61.9686



35.5302, 27.2268, 47.1257



31.4212, 27.2268, 11.1293

Rectangle

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



18.1547, 27.2268, 17.1304



17.4656, 27.2268, 40.1106



35.5302, 27.2268, 47.1257



36.6335, 27.2268, 21.1799

Sweetspot

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



18.1554, 27.2279, 17.1310



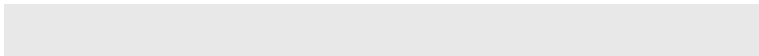
49.3029, 57.3587, 54.7174



24.1880, 30.4447, 12.5845



10.8336, 12.7945, 11.9523



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.



18.1554, 27.2279, 17.1310



29.4925, 47.7747, 25.3897



20.4606, 28.1500, 29.2703



6.6223, 7.4297, 7.4458



10.1663, 19.7345, 5.2328



0.1983, 0.3594, 0.1803

Inverse Universe

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



21.6341, 15.1104, 25.4442



36.5809, 23.0113, 42.2763



19.4060, 14.2191, 13.7112



6.8259, 6.7233, 7.9343



13.7585, 6.8080, 13.5111



0.2627, 0.1284, 0.3298

Previews

White Background



This preview shows how the XYZ color 18.1547, 27.2268, 17.1304 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 18.1547, 27.2268, 17.1304 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 18.1547, 27.2268, 17.1304

Background



This preview shows how black text looks on a background with the XYZ color 18.1547, 27.2268, 17.1304.



This preview shows how white text looks on a background with the XYZ color 18.1547, 27.2268,

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

18.1547, 27.2268, 17.1304

Protanopia

24.9212, 26.9628, 14.9572

Deuteranopia

27.2368, 26.7980, 17.9244



Tritanopia

22.5013, 27.2644, 38.7269

Trichromacy



Original Color

18.1547, 27.2268, 17.1304

Protanomaly

21.5944, 26.5927, 15.7991

Deuteranomaly

22.5665, 26.1380, 17.4914

Tritanomaly

20.6777, 27.2584, 29.3709

Monochromacy



Original Color

18.1547, 27.2268, 17.1304

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.4503, 23.5570, 21.2911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1547, 27.2268, 17.1304 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, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(82, 158, 103)  
}
```

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, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 158, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.1547, 27.2268, 17.1304 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, 158, 103) }
```


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

```
.border{ border-color:rgb(82, 158, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 158, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(82, 158,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1547, 27.2268, 17.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 158, 103) }
```

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

```
.background{ background-color: rgb(82, 158,  
103) }
```

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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