

Converting Colors

XYZ(18.8414, 26.9687, 17.2080)

Have a look what the booklet for
XYZ(18.8414, 26.9687, 17.2080)
contains.

XYZ(18.9014, 27.1036, 17.3320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9014, 27.1036,
17.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9C68
RGB	93, 156, 104
RGB Percent	36%, 61%, 41%
CMY	0.6353, 0.3882, 0.5922
CMYK	0.40, 0.00, 0.33, 0.39
HSL	130°, 25%, 49%
HSV	130°, 40%, 61%
XYZ	18.9014, 27.1036, 17.3320
YIQ	131.2350, -20.8560, -29.5280

Conversions

Conversions Part 2

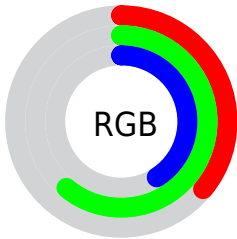
Format	Color
R_{YB}	93, 147, 156
Decimal	6134888
CIE _{Lab}	59.07, -31.73, 21.04
CIE _{LCh}	59, 38.073, 146.452
Yxy	27.1036, 0.2984, 0.4279
Android (android.graphics.Color)	4284324968 (0xFF5D9C68)
YUV	131.2350, -13.4269, -33.5321
Hunter-Lab	52.0611, -26.3004, 16.7042

Details

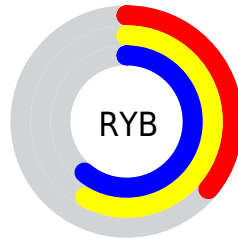
The XYZ color **18.9014, 27.1036, 17.3320** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7364, 16.9416, 28.8610**, and the grayscale version is **21.7099, 22.8405, 24.8733**.

A 20% lighter version of the original color is **41.1491, 55.0998, 39.9190**, and **6.5786, 10.6576, 5.4518** is the 20% darker color. If you saturate the color by 10%, you get **16.8758, 26.1300, 14.0800**, and if you desaturate by 10%, it is **21.3505, 28.2855, 21.1264**.

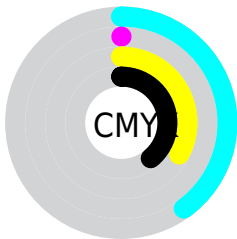
Distribution



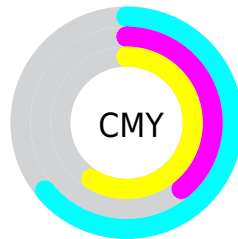
- Red (36%)
- Green (61%)
- Blue (41%)



- Red (36%)
- Yellow (58%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)





- Cyan (64%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.9014, 27.1036, 17.3320 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 18.9014, 27.1036, 17.3320 by changing the saturation by 10% instead.


 18.9014, 27.1036,
17.3320

 18.9014, 27.1036,
17.3320


238.8525,
288.1584, 249.1868


 11.7026, 17.6510,
10.3070


 41.0856, 55.0501,
39.6942


 6.6123, 10.6997,
5.4947


 56.8017, 74.3128,
55.8684

 3.2650, 5.8653,
2.4766

 76.0877, 97.6143,
75.9296

 1.2954, 2.7634,
0.8277

 99.3088, 125.3391,
100.2961

 0.1798, 1.0095,
0.0000

126.8305,
157.8715, 129.3865

 0.0000, 0.0000,
0.0000

159.0181,

195.5959, 163.6194

196.2370,
238.8967, 203.4133

■ 18.9014, 27.1036,
17.3320

■ 18.9014, 27.1036,
17.3320

■ 16.8758, 26.1300,
14.0800

■ 21.3505, 28.2855,
21.1264

■ 15.2472, 25.3493,
11.3438

■ 24.2432, 29.6833,
25.4845

■ 13.9897, 24.7495,
9.0975


■ 27.6009, 31.3083,
30.4286


■ 13.0732, 24.3156,
7.3120


■ 31.4431, 33.1701,
35.9795


■ 12.4626, 24.0302,
5.9551


■ 35.7879, 35.2777,
42.1566

 12.0896, 23.8582,
5.0193

 40.6528, 37.6397,
48.9788

 46.0542, 40.2642,
56.4640

 52.0079, 43.1588,
64.6294

 58.5290, 46.3312,
73.4916

Harmonies

Analogous

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



21.9191, 27.1036, 11.7965



18.9014, 27.1036, 17.3320



17.7093, 27.1036, 27.9289

Triad

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



18.9014, 27.1036, 17.3320



25.2026, 27.1036, 63.8822



34.7903, 27.1036, 19.3641

Complementary

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



18.9014, 27.1036, 17.3320



22.7364, 16.9416, 28.8610

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.



35.9447, 27.1036, 31.1522



18.9014, 27.1036, 17.3320



30.0278, 27.1036, 59.5070

Square

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



18.9014, 27.1036, 17.3320



21.0556, 27.1036, 56.9718



34.1073, 27.1036, 46.3695



31.1203, 27.1036, 12.6928

Rectangle

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



18.9014, 27.1036, 17.3320



17.9872, 27.1036, 37.5185



34.1073, 27.1036, 46.3695



35.5033, 27.1036, 22.7329

Sweetspot

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



18.9021, 27.1047, 17.3326



48.9339, 56.2836, 53.5191



25.6307, 30.6339, 14.9183



10.6040, 12.3056, 11.5369



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.9021, 27.1047, 17.3326



31.1325, 47.6893, 26.3612



20.7767, 27.8546, 27.2040



6.5957, 7.4190, 7.3055



9.9672, 19.6548, 4.1844



0.1897, 0.3560, 0.1354

Inverse Universe

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



22.7364, 16.9416, 28.8610



39.0234, 26.7456, 50.0649



20.6628, 16.1121, 17.9411



6.8544, 6.7347, 8.0845



14.5552, 7.1266, 17.7065



0.2722, 0.1322, 0.3795

Previews

White Background



This preview shows how the XYZ color 18.9014, 27.1036, 17.3320 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 18.9014, 27.1036, 17.3320 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 18.9014, 27.1036, 17.3320

Background



This preview shows how black text looks on a background with the XYZ color 18.9014, 27.1036, 17.3320.



This preview shows how white text looks on a background with the XYZ color 18.9014, 27.1036,

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

18.9014, 27.1036, 17.3320

Protanopia

24.8664, 26.7039, 15.3990

Deuteranopia

27.2368, 26.7980, 17.9244



Tritanopia

23.0062, 27.0714, 37.7310

Trichromacy



Original Color

18.9014, 27.1036, 17.3320

Protanomaly

21.9392, 26.3032, 15.9773

Deuteranomaly

23.1238, 26.1954, 17.7474

Tritanomaly

21.3287, 27.1166, 28.9208

Monochromacy



Original Color

18.9014, 27.1036, 17.3320

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.1654, 23.9186, 21.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9014, 27.1036, 17.3320 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(93, 156, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 156, 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(93, 156, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 156, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.9014, 27.1036, 17.3320 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(93, 156, 104) }
```


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

```
.border{ border-color:rgb(93, 156, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 156, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 156, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 156, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 156,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9014, 27.1036, 17.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 156, 104) }
```

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

```
.background{ background-color: rgb(93, 156,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor