

Converting Colors

XYZ(18.0067, 27.2958, 10.3801)

Have a look what the booklet for
XYZ(18.0067, 27.2958, 10.3801)
contains.

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Color

**XYZ(18.0127, 27.3013,
10.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9E48
RGB	94, 158, 72
RGB Percent	37%, 62%, 28%
CMY	0.6314, 0.3804, 0.7176
CMYK	0.41, 0.00, 0.54, 0.38
HSL	105°, 37%, 45%
HSV	105°, 54%, 62%
XYZ	18.0127, 27.3013, 10.4512
YIQ	129.0600, -10.5380, -40.3140

Conversions

Conversions Part 2

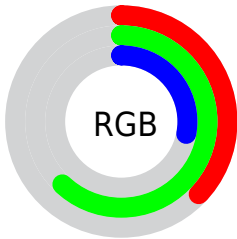
Format	Color
RYB	72, 158, 136
Decimal	6200904
CIELab	59.25, -37.16, 38.17
CIELCh	59, 53.275, 134.233
Yxy	27.3013, 0.3230, 0.4896
Android (android.graphics.Color)	4284390984 (0xFF5E9E48)
YUV	129.0600, -28.1306, -30.7476
Hunter-Lab	52.2506, -29.9032, 24.7162

Details

The XYZ color **18.0127, 27.3013, 10.4512** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.6435, 12.3384, 33.7482**, and the grayscale version is **20.9861, 22.0790, 24.0440**.

A 20% lighter version of the original color is **39.5821, 55.3145, 27.3295**, and **6.1739, 10.8171, 2.5216** is the 20% darker color. If you saturate the color by 10%, you get **16.4469, 26.5470, 8.0246**, and if you desaturate by 10%, it is **19.8960, 28.2056, 13.5853**.

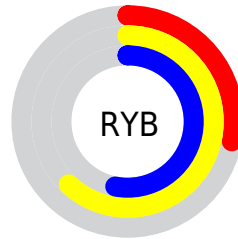
Distribution



Red (37%)

Green (62%)

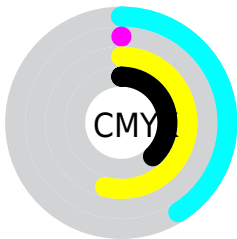
Blue (28%)



Red (28%)

Yellow (62%)

Blue (53%)

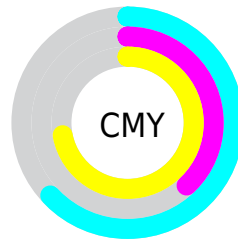


Cyan (41%)

Magenta (0%)

Yellow (54%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0127, 27.3013, 10.4512 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 18.0127, 27.3013, 10.4512 by changing the saturation by 10% instead.

■ 18.0127, 27.3013,
10.4512

■ 18.0127, 27.3013,
10.4512

233.9868,
289.1130, 204.4631

■ 11.0588, 17.7996,
5.5896

■ 39.5889, 55.3670,
27.2617

■ 6.1740, 10.8062,
2.5325

■ 54.9419, 74.6998,
40.0478

■ 2.9928, 5.9367,
0.8573

■ 73.8254, 98.0784,
56.3124

■ 1.1500, 2.8066,
0.0000

■ 96.6047, 125.8873,
76.4742

■ 0.0663, 1.0316,
0.0000

■ 123.6451,
158.5108, 100.9516

■ 0.0000, 0.0000,
0.0000

155.3120,

196.3333, 130.1632

191.9708,
239.7393, 164.5275

■ 18.0127, 27.3013,
10.4512

■ 18.0127, 27.3013,
10.4512

■ 16.4469, 26.5470,
8.0246

■ 19.8960, 28.2056,
13.5853

■ 15.1781, 25.9309,
6.2487

■ 22.1119, 29.2642,
17.4744

■ 14.1860, 25.4447,
5.0610

■ 24.6769, 30.4853,
22.1637

■ 13.4464, 25.0776,
4.3845

■ 27.6055, 31.8757,
27.6946

■ 13.1187, 24.9143,
4.1175

■ 30.9117, 33.4416,
34.1055

■ 34.6086, 35.1891,
41.4326

■ 38.7087, 37.1238,
49.7098

■ 43.2237, 39.2511,
58.9694

■ 48.1651, 41.5762,
69.2423

Harmonies

Analogous

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



22.9307, 27.3013, 6.4849



18.0127, 27.3013, 10.4512



15.4866, 27.3013, 20.8450

Triad

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



18.0127, 27.3013, 10.4512



22.6274, 27.3013, 80.7274



40.4206, 27.3013, 21.6018

Complementary

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



18.0127, 27.3013, 10.4512



18.6435, 12.3384, 33.7482

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.



40.3016, 27.3013, 40.8285



18.0127, 27.3013, 10.4512



29.2213, 27.3013, 81.2225

Square

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



18.0127, 27.3013, 10.4512



17.8235, 27.3013, 63.2858



35.9293, 27.3013, 64.4406



36.2310, 27.3013, 10.8005

Rectangle

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



18.0127, 27.3013, 10.4512



15.1724, 27.3013, 32.5119



35.9293, 27.3013, 64.4406



40.9030, 27.3013, 27.1049

Sweetspot

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



18.0134, 27.3025, 10.4518



49.0763, 57.3842, 48.2800



23.9447, 25.0847, 9.7111



10.8269, 12.8246, 10.4337



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.



18.0134, 27.3025, 10.4518



29.4028, 47.9828, 13.8930



16.8349, 26.6066, 14.3894



6.7019, 7.4790, 7.0760



10.5386, 19.9695, 3.2991



0.2241, 0.3754, 0.0607

Inverse Universe

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



18.6435, 12.3384, 33.7482



30.6028, 17.9499, 60.5952



21.0016, 13.7376, 25.5653



6.7384, 6.6691, 8.3388



10.9191, 5.0580, 26.3080



0.2316, 0.1092, 0.4721

Previews

White Background



This preview shows how the XYZ color 18.0127, 27.3013, 10.4512 looks on a white background.

Color Contrast Check

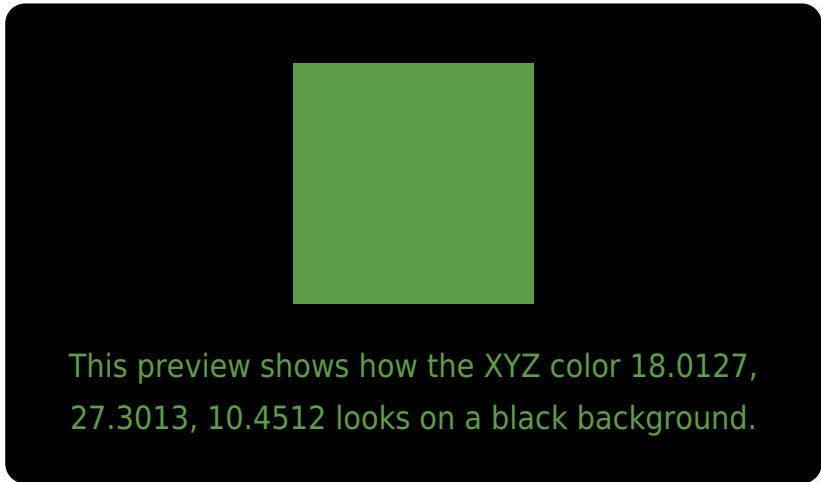
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 18.0127, 27.3013, 10.4512

Background



This preview shows how black text looks on a background with the XYZ color 18.0127, 27.3013, 10.4512.



This preview shows how white text looks on a background with the XYZ color 18.0127, 27.3013,

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

18.0127, 27.3013, 10.4512

Protanopia

24.5907, 26.9193, 9.2101

Deuteranopia

27.2727, 26.7622, 10.9359



Tritanopia

23.4871, 27.3193, 37.7535

Trichromacy



Original Color

18.0127, 27.3013, 10.4512

Protanomaly

21.4956, 26.6778, 9.6466

Deuteranomaly

22.6286, 26.0960, 10.6819

Tritanomaly

20.8996, 26.9845, 24.8759

Monochromacy



Original Color

18.0127, 27.3013, 10.4512

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.2873, 23.5519, 17.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0127, 27.3013, 10.4512 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(94, 158, 72)` looks like.

```
.text, #text, p{  
    color:rgb(94, 158, 72)  
}
```

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(94, 158, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 158, 72) }
```

Border

The CSS property to change the border of an element to XYZ 18.0127, 27.3013, 10.4512 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(94, 158, 72) }
```


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

```
.border{ border-color:rgb(94, 158, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 158, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 158, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 158, 72);  
box-shadow:4px 4px 4px 4px rgb(94, 158,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0127, 27.3013, 10.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 158, 72) }
```

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

```
.background{ background-color: rgb(94, 158,  
72) }
```

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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