

Converting Colors

XYZ(18.6369, 27.5698, 14.0382)

Have a look what the booklet for
XYZ(18.6369, 27.5698, 14.0382)
contains.

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Color

**XYZ(18.5865, 27.5191,
14.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9E5A
RGB	93, 158, 90
RGB Percent	36%, 62%, 35%
CMY	0.6353, 0.3804, 0.6471
CMYK	0.41, 0.00, 0.43, 0.38
HSL	117°, 27%, 49%
HSV	117°, 43%, 62%
XYZ	18.5865, 27.5191, 14.0050
YIQ	130.8130, -16.9120, -34.9280

Conversions

Conversions Part 2

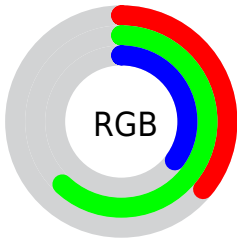
Format	Color
R_{YB}	90, 158, 155
Decimal	6135386
CIE _{Lab}	59.45, -35.01, 29.13
CIE _{LCh}	59, 45.542, 140.233
Yxy	27.5191, 0.3092, 0.4578
Android (android.graphics.Color)	4284325466 (0xFF5D9E5A)
YUV	130.8130, -20.1208, -33.1620
Hunter-Lab	52.4587, -28.5587, 20.8923

Details

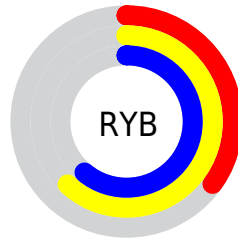
The XYZ color **18.5865, 27.5191, 14.0050** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.3468, 16.7505, 34.3520**, and the grayscale version is **21.5810, 22.7049, 24.7257**.

A 20% lighter version of the original color is **40.4560, 55.6226, 33.8033**, and **6.4470, 10.9264, 3.9597** is the 20% darker color. If you saturate the color by 10%, you get **16.6037, 26.5673, 10.7672**, and if you desaturate by 10%, it is **21.0157, 28.6860, 18.0112**.

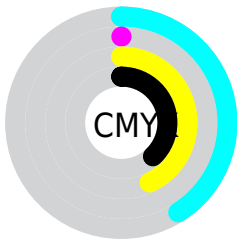
Distribution



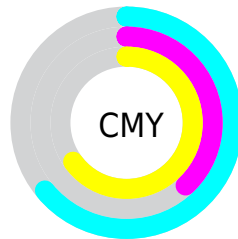
- Red (36%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5865, 27.5191, 14.0050 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 18.5865, 27.5191, 14.0050 by changing the saturation by 10% instead.

■ 18.5865, 27.5191,
14.0050

■ 18.5865, 27.5191,
14.0050

237.1386,
290.1618, 228.6914

■ 11.4741, 17.9635,
7.9854

■ 40.5565, 55.7157,
33.8152

■ 6.4563, 10.9238,
3.9979

■ 56.1448, 75.1255,
48.4427

■ 3.1678, 6.0156,
1.6242

■ 75.2892, 98.5888,
66.7767

■ 1.2431, 2.8546,
0.3080

■ 98.3549, 126.4900,
89.2356

■ 0.1400, 1.0563,
0.0000

125.7073,
159.2136, 116.2380

■ 0.0000, 0.0000,
0.0000

157.7118,

197.1437, 148.2024

194.7338,
240.6650, 185.5474

■ 18.5865, 27.5191,
14.0050

■ 18.5865, 27.5191,
14.0050

■ 16.6037, 26.5673,
10.7672

■ 21.0157, 28.6860,
18.0112

■ 15.0381, 25.8144,
8.2468

■ 23.9138, 30.0765,
22.8285

■ 13.8605, 25.2472,
6.3900


■ 27.3046, 31.7025,
28.4989


■ 13.0370, 24.8496,
5.1342


■ 31.2094, 33.5743,
35.0607


■ 12.5277, 24.6027,
4.4051


■ 35.6484, 35.7015,
42.5502

 12.3146, 24.4998,
4.0799

 40.6406, 38.0932,
51.0013

 46.2042, 40.7581,
60.4466

 52.3565, 43.7043,
70.9167

 59.1141, 46.9399,
82.4414

Harmonies

Analogous

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



22.5370, 27.5191, 9.0733



18.5865, 27.5191, 14.0050



16.7528, 27.5191, 24.9358

Triad

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



18.5865, 27.5191, 14.0050



24.3359, 27.5191, 72.9072



37.8803, 27.5191, 20.3449

Complementary

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



18.5865, 27.5191, 14.0050



23.3468, 16.7505, 34.3520

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.



38.5482, 27.5191, 35.6256



18.5865, 27.5191, 14.0050



30.1432, 27.5191, 70.2525

Square

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



18.5865, 27.5191, 14.0050



19.7381, 27.5191, 61.2454



35.5439, 27.5191, 54.9380



33.8333, 27.5191, 11.6999

Rectangle

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



18.5865, 27.5191, 14.0050



16.7644, 27.5191, 35.9090



35.5439, 27.5191, 54.9380



38.5281, 27.5191, 24.7136

Sweetspot

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



18.5872, 27.5203, 14.0056



49.4399, 57.5004, 51.5121



27.6022, 31.3185, 14.2636



10.8376, 12.8155, 11.0963



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.



18.5872, 27.5203, 14.0056



30.1579, 48.2473, 19.5637



19.8710, 27.9994, 22.3188



6.5765, 7.4143, 7.0702



9.8713, 19.6255, 3.2678



0.1835, 0.3545, 0.0588

Inverse Universe

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



23.3468, 16.7505, 34.3520



39.9901, 25.9648, 61.6474



21.6146, 16.1250, 22.1898



6.8752, 6.7397, 8.3452



15.1783, 7.2537, 26.5074



0.2793, 0.1338, 0.4743

Previews

White Background



This preview shows how the XYZ color 18.5865, 27.5191, 14.0050 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 18.5865, 27.5191, 14.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

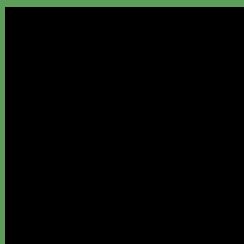
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5865, 27.5191, 14.0050

Background



This preview shows how black text looks on a background with the XYZ color 18.5865, 27.5191, 14.0050.



This preview shows how white text looks on a background with the XYZ color 18.5865, 27.5191,

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

18.5865, 27.5191, 14.0050

Protanopia

24.9835, 27.0540, 12.2927

Deuteranopia

27.6643, 27.0925, 14.5978



Tritanopia

23.4913, 27.5471, 38.2614

Trichromacy



Original Color

18.5865, 27.5191, 14.0050

Protanomaly

21.9425, 26.8382, 12.8279

Deuteranomaly

23.2767, 26.5765, 14.2589

Tritanomaly

21.3147, 27.3848, 27.4549

Monochromacy



Original Color

18.5865, 27.5191, 14.0050

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.0134, 24.0926, 20.1185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5865, 27.5191, 14.0050 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, 158, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 158, 90)  
}
```

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, 158, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 158, 90) }
```

Border

The CSS property to change the border of an element to XYZ 18.5865, 27.5191, 14.0050 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, 158, 90) }
```


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

```
.border{ border-color:rgb(93, 158, 90) }
```

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

Here you see how a box with a 4 pixel rgb(93, 158, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 158, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 158, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 158,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5865, 27.5191, 14.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 158, 90) }
```

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

```
.background{ background-color: rgb(93, 158,  
90) }
```

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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