

Converting Colors

XYZ(14.2827, 17.9815, 14.4592)

Have a look what the booklet for
XYZ(14.2827, 17.9815, 14.4592)
contains.

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Color

**XYZ(14.3051, 18.0010,
14.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7D63
RGB	95, 125, 99
RGB Percent	37%, 49%, 39%
CMY	0.6274, 0.5098, 0.6118
CMYK	0.24, 0.00, 0.21, 0.51
HSL	128°, 14%, 43%
HSV	128°, 24%, 49%
XYZ	14.3051, 18.0010, 14.5250
YIQ	113.0660, -9.5340, -14.4460

Conversions

Conversions Part 2

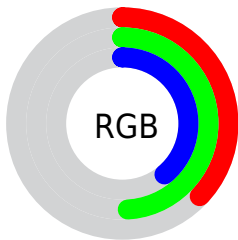
Format	Color
R_{YB}	95, 121, 125
Decimal	6258019
CIE _{Lab}	49.50, -16.35, 10.73
CIE _{LCh}	49, 19.562, 146.718
Yxy	18.0010, 0.3055, 0.3844
Android (android.graphics.Color)	4284448099 (0xFF5F7D63)
YUV	113.0660, -6.9345, -15.8439
Hunter-Lab	42.4276, -14.0643, 9.4015

Details

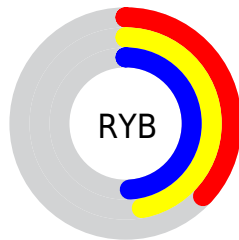
The XYZ color **14.3051, 18.0010, 14.5250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0015, 13.9253, 19.9345**, and the grayscale version is **15.7380, 16.5576, 18.0312**.

A 20% lighter version of the original color is **33.2795, 40.1538, 34.8506**, and **4.4232, 6.0452, 4.1825** is the 20% darker color. If you saturate the color by 10%, you get **12.6258, 17.1917, 11.9219**, and if you desaturate by 10%, it is **16.2633, 18.9471, 17.5047**.

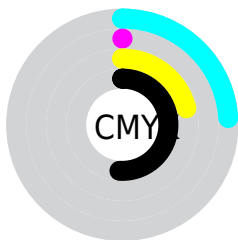
Distribution



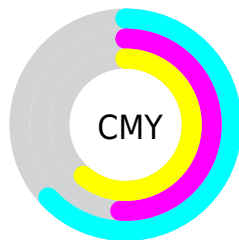
- Red (37%)
- Green (49%)
- Blue (39%)



- Red (37%)
- Yellow (47%)
- Blue (49%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3051, 18.0010, 14.5250 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 14.3051, 18.0010, 14.5250 by changing the saturation by 10% instead.

■ 14.3051, 18.0010,
14.5250

■ 14.3051, 18.0010,
14.5250

212.5935,
240.8767, 232.0138

■ 8.4163, 10.9507,
8.3438

■ 33.2112, 40.0390,
34.7481

■ 4.4165, 6.0337,
4.2248

■ 46.9591, 55.7956,
49.6272

■ 1.9404, 2.8656,
1.7495

■ 64.0576, 75.2229,
68.2426

■ 0.6001, 1.0620,
0.3943

■ 84.8718, 98.7056,
91.0128

■ 0.0000, 0.0000,
0.0000

109.7671,
126.6279, 118.3566

139.1089,

159.3742, 150.6923

173.2626,
197.3290, 188.4385

■ 14.3051, 18.0010,
14.5250

■ 14.3051, 18.0010,
14.5250

■ 12.6258, 17.1917,
11.9219

■ 16.2633, 18.9471,
17.5047

■ 11.2112, 16.5106,
9.6792

■ 18.5108, 20.0335,
20.8740

■ 10.0482, 15.9518,
7.7814

■ 21.0592, 21.2664,
24.6464

■ 9.1218, 15.5081,
6.2114

■ 23.9191, 22.6510,
28.8349

■ 8.4157, 15.1712,
4.9506

■ 27.1006, 24.1922,
33.4515

■ 7.9112, 14.9321,
3.9786

■ 30.6132, 25.8947,
38.5080

■ 7.5842, 14.7789,
3.2722

■ 34.4662, 27.7631,
44.0155

■ 7.4326, 14.7074,
2.9638

■ 38.6684, 29.8016,
49.9849

■ 43.2282, 32.0145,
56.4266

Harmonies

Analogous

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



15.5597, 18.0010, 11.8370



14.3051, 18.0010, 14.5250



13.7986, 18.0010, 19.0226

Triad

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



14.3051, 18.0010, 14.5250



16.9066, 18.0010, 31.6291



20.4869, 18.0010, 15.3679

Complementary

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



14.3051, 18.0010, 14.5250



16.0015, 13.9253, 19.9345

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.



20.9114, 18.0010, 20.1890



14.3051, 18.0010, 14.5250



18.7588, 18.0010, 30.1786

Square

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



14.3051, 18.0010, 14.5250



15.2310, 18.0010, 29.4077



20.2582, 18.0010, 25.7377



19.1363, 18.0010, 12.2586

Rectangle

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



14.3051, 18.0010, 14.5250



13.9242, 18.0010, 22.6785



20.2582, 18.0010, 25.7377



20.7467, 18.0010, 16.8136

Sweetspot

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



14.3056, 18.0018, 14.5254



31.8143, 35.2291, 35.3898



17.3553, 19.5955, 13.6943



7.1970, 7.9942, 7.9907



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.3056, 18.0018, 14.5254



23.8424, 31.3794, 23.2718



15.0624, 18.3045, 18.5107



4.2976, 4.8274, 4.7383



7.7553, 15.3487, 3.0842



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0015, 13.9253, 19.9345



27.4523, 22.6995, 34.7835



15.1778, 13.5959, 15.5972



4.4743, 4.4029, 5.3020



11.6688, 5.6872, 15.3778



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3051, 18.0010, 14.5250 looks on a white 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

Black Background



This preview shows how the XYZ color 14.3051, 18.0010, 14.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

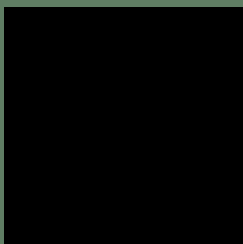
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3051, 18.0010, 14.5250

Background



This preview shows how black text looks on a background with the XYZ color 14.3051, 18.0010, 14.5250.



This preview shows how white text looks on a background with the XYZ color 14.3051, 18.0010,

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

14.3051, 18.0010, 14.5250

Protanopia

16.7390, 17.8339, 13.3865

Deuteranopia

18.1349, 17.8379, 15.0576



Tritanopia

16.2335, 18.0532, 23.7481

Trichromacy



Original Color

14.3051, 18.0010, 14.5250

Protanomaly

15.6378, 17.7882, 13.6756

Deuteranomaly

16.4560, 17.6552, 14.8524

Tritanomaly

15.4349, 17.9036, 20.0950

Monochromacy



Original Color

14.3051, 18.0010, 14.5250

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0119, 16.8695, 16.6523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3051, 18.0010, 14.5250 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(95, 125, 99) looks like.

```
.text, #text, p{  
    color:rgb(95, 125, 99)  
}
```

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(95, 125, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 125, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.3051, 18.0010, 14.5250 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(95, 125, 99) }
```


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

```
.border{ border-color:rgb(95, 125, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 125, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 125, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 125, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 125,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3051, 18.0010, 14.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 125, 99) }
```

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

```
.background{ background-color: rgb(95, 125,  
99) }
```

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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