

Converting Colors

XYZ(13.9442, 18.0585, 13.4035)

Have a look what the booklet for
XYZ(13.9442, 18.0585, 13.4035)
contains.

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Color

**XYZ(13.8949, 18.0052,
13.3327)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7E5E
RGB	92, 126, 94
RGB Percent	36%, 49%, 37%
CMY	0.6392, 0.5059, 0.6314
CMYK	0.27, 0.00, 0.25, 0.51
HSL	124°, 16%, 43%
HSV	124°, 27%, 49%
XYZ	13.8949, 18.0052, 13.3327
YIQ	112.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

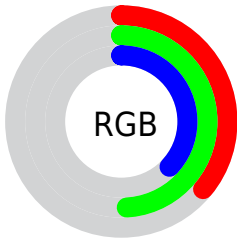
Format	Color
R _Y B	92, 124, 126
Decimal	6061662
CIE Lab	49.50, -18.94, 13.62
CIE LCh	50, 23.330, 144.283
Yxy	18.0052, 0.3072, 0.3981
Android (android.graphics.Color)	4284251742 (0xFF5C7E5E)
YUV	112.1860, -8.9657, -17.7031
Hunter-Lab	42.4325, -15.8056, 11.0733

Details

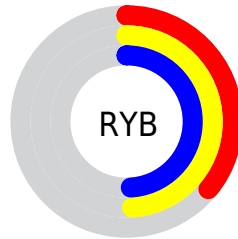
The XYZ color **13.8949, 18.0052, 13.3327** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0701, 13.5456, 20.8372**, and the grayscale version is **15.4838, 16.2901, 17.7399**.

A 20% lighter version of the original color is **32.4818, 40.0935, 32.4124**, and **4.2696, 6.0790, 3.7446** is the 20% darker color. If you saturate the color by 10%, you get **12.2475, 17.2133, 10.6880**, and if you desaturate by 10%, it is **15.8344, 18.9393, 16.4187**.

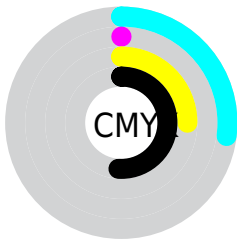
Distribution



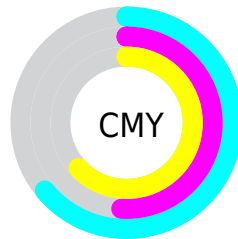
- Red (36%)
- Green (49%)
- Blue (37%)



- Red (36%)
- Yellow (49%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8949, 18.0052, 13.3327 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 13.8949, 18.0052, 13.3327 by changing the saturation by 10% instead.

■ 13.8949, 18.0052,
13.3327

■ 13.8949, 18.0052,
13.3327

210.0997,
240.9004, 224.3212

■ 8.1288, 10.9537,
7.5246

■ 32.4903, 40.0462,
32.6001

■ 4.2300, 6.0357,
3.7089

■ 46.0502, 55.8045,
46.8965

■ 1.8331, 2.8668,
1.4671

■ 62.9389, 75.2338,
64.8595

■ 0.5375, 1.0626,
0.1932

■ 83.5216, 98.7187,
86.9075

■ 0.0000, 0.0000,
0.0000

108.1636,
126.6433, 113.4592

137.2305,

159.3922, 144.9330

171.0874,
197.3498, 181.7475

■ 13.8949, 18.0052,
13.3327

■ 13.8949, 18.0052,
13.3327

■ 12.2475, 17.2133,
10.6880

■ 15.8344, 18.9393,
16.4187

■ 10.8767, 16.5545,
8.4634

■ 18.0778, 20.0196,
19.9636

■ 9.7679, 16.0221,
6.6376

■ 20.6378, 21.2530,
23.9855

■ 8.9041, 15.6080,
5.1869

■ 23.5260, 22.6450,
28.5012

■ 8.2669, 15.3032,
4.0854

■ 26.7535, 24.2009,
33.5267

■ 7.8349, 15.0974,
3.3037

■ 30.3309, 25.9260,
39.0771

■ 7.5691, 14.9711,
2.8070

■ 34.2681, 27.8250,
45.1671

■ 7.5018, 14.9387,
2.7009

■ 38.5750, 29.9027,
51.8107

■ 43.2607, 32.1635,
59.0215

Harmonies

Analogous

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



15.4274, 18.0052, 10.4842



13.8949, 18.0052, 13.3327



13.2297, 18.0052, 18.4190

Triad

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



13.8949, 18.0052, 13.3327



16.6942, 18.0052, 34.3493



21.2790, 18.0052, 15.0206

Complementary

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



13.8949, 18.0052, 13.3327



16.0701, 13.5456, 20.8372

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.



21.6913, 18.0052, 20.8400



13.8949, 18.0052, 13.3327



18.9180, 18.0052, 32.8959

Square

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



13.8949, 18.0052, 13.3327



14.7543, 18.0052, 31.2162



20.7941, 18.0052, 27.5873



19.7114, 18.0052, 11.3021

Rectangle

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



13.8949, 18.0052, 13.3327



13.3226, 18.0052, 22.7574



20.7941, 18.0052, 27.5873



21.5627, 18.0052, 16.7573

Sweetspot

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



13.8954, 18.0060, 13.3331



31.3157, 34.9947, 34.3449



17.7490, 20.0028, 13.0509



7.0017, 7.9015, 7.6206



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.



13.8954, 18.0060, 13.3331



22.7253, 30.8594, 20.6927



14.7278, 18.3389, 17.7166



4.2855, 4.8225, 4.6747



7.6952, 15.3247, 2.7678



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0701, 13.5456, 20.8372



27.1834, 21.7138, 36.0748



15.1016, 13.1582, 15.7372



4.4876, 4.4082, 5.3721



12.2172, 5.9066, 18.2652



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8949, 18.0052, 13.3327 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 13.8949, 18.0052, 13.3327 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 13.8949, 18.0052, 13.3327

Background



This preview shows how black text looks on a background with the XYZ color 13.8949, 18.0052, 13.3327.



This preview shows how white text looks on a background with the XYZ color 13.8949, 18.0052,

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

13.8949, 18.0052, 13.3327

Protanopia

16.6642, 17.8207, 12.2343

Deuteranopia

18.2161, 17.9076, 13.8057



Tritanopia

16.0797, 17.9661, 24.0930

Trichromacy



Original Color

13.8949, 18.0052, 13.3327

Protanomaly

15.4149, 17.6990, 12.5013

Deuteranomaly

16.3355, 17.7945, 13.6400

Tritanomaly

15.1768, 17.9607, 19.8064

Monochromacy



Original Color

13.8949, 18.0052, 13.3327

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7368, 16.7458, 15.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8949, 18.0052, 13.3327 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(92, 126, 94) looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 94)  
}
```

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(92, 126, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.8949, 18.0052, 13.3327 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(92, 126, 94) }
```


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

```
.border{ border-color:rgb(92, 126, 94) }
```

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

Here you see how a box with a 4 pixel rgb(92, 126, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 94);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8949, 18.0052, 13.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 94) }
```

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

```
.background{ background-color: rgb(92, 126,  
94) }
```

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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