

Converting Colors

XYZ(14.9023, 18.8029, 13.8199)

Have a look what the booklet for
XYZ(14.9023, 18.8029, 13.8199)
contains.

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Color

**XYZ(14.9761, 18.9355,
13.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	638060
RGB	99, 128, 96
RGB Percent	39%, 50%, 38%
CMY	0.6118, 0.4980, 0.6235
CMYK	0.23, 0.00, 0.25, 0.50
HSL	114°, 14%, 44%
HSV	114°, 25%, 50%
XYZ	14.9761, 18.9355, 13.9319
YIQ	115.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

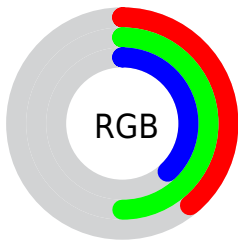
Format	Color
RYB	96, 128, 125
Decimal	6520928
CIELab	50.61, -17.06, 14.07
CIELCh	51, 22.112, 140.496
Yxy	18.9355, 0.3130, 0.3958
Android (android.graphics.Color)	4284711008 (0xFF638060)
YUV	115.6810, -9.7027, -14.6292
Hunter-Lab	43.5149, -14.7186, 11.4780

Details

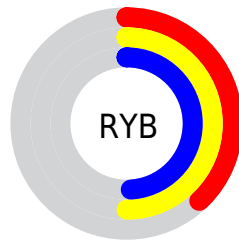
The XYZ color **14.9761, 18.9355, 13.9319** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5373, 14.2847, 22.3086**, and the grayscale version is **16.5335, 17.3946, 18.9427**.

A 20% lighter version of the original color is **34.3680, 41.6384, 33.8294**, and **4.7369, 6.5261, 4.0276** is the 20% darker color. If you saturate the color by 10%, you get **13.2566, 18.1123, 11.0216**, and if you desaturate by 10%, it is **16.9747, 19.8926, 17.3570**.

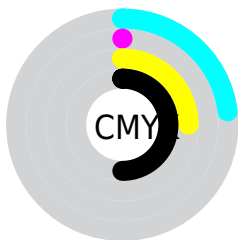
Distribution



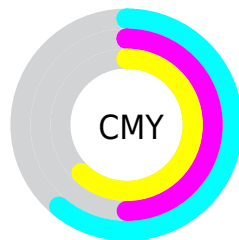
- Red (39%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (49%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9761, 18.9355, 13.9319 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 14.9761, 18.9355, 13.9319 by changing the saturation by 10% instead.

■ 14.9761, 18.9355,
13.9319

■ 14.9761, 18.9355,
13.9319

216.6128,
246.0925, 228.2204

■ 8.8888, 11.6237,
7.9351

■ 34.3832, 41.6251,
33.6835

■ 4.7253, 6.4880,
3.9663

■ 48.4338, 57.7716,
48.2755

■ 2.1201, 3.1440,
1.6069

■ 65.8695, 77.6319,
66.5695

■ 0.7001, 1.2074,
0.2957

■ 87.0558, 101.5902,
88.9842

■ 0.0000, 0.0677,
0.0000

112.3578,
130.0311, 115.9381

■ 0.0000, 0.0000,
0.0000

142.1411,

163.3388, 147.8498

176.7710,
201.8978, 185.1377

■ 14.9761, 18.9355,
13.9319

■ 14.9761, 18.9355,
13.9319

■ 13.2566, 18.1123,
11.0216

■ 16.9747, 19.8926,
17.3570

■ 11.8024, 17.4147,
8.6002

■ 19.2624, 20.9867,
21.3188

■ 10.6005, 16.8372,
6.6411

■ 21.8507, 22.2236,
25.8394

■ 9.6366, 16.3731,
5.1149

■ 24.7500, 23.6084,
30.9394

■ 8.8947, 16.0147,
3.9888

■ 27.9701, 25.1456,
36.6382

■ 8.3568, 15.7538,
3.2254

■ 31.5204, 26.8397,
42.9544

■ 8.0003, 15.5797,
2.7693

■ 35.4101, 28.6951,
49.9058

■ 7.8711, 15.5172,
2.5803

■ 39.6477, 30.7158,
57.5094

■ 44.2417, 32.9057,
65.7815

Harmonies

Analogous

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



16.5806, 18.9355, 11.3534



14.9761, 18.9355, 13.9319



14.2001, 18.9355, 18.7130

Triad

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



14.9761, 18.9355, 13.9319



17.3197, 18.9355, 34.7345



22.1804, 18.9355, 16.7226

Complementary

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



14.9761, 18.9355, 13.9319



16.5373, 14.2847, 22.3086

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.



22.4182, 18.9355, 22.6471



14.9761, 18.9355, 13.9319



19.4932, 18.9355, 33.9052

Square

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



14.9761, 18.9355, 13.9319



15.4799, 18.9355, 31.2388



21.4005, 18.9355, 29.1589



20.7745, 18.9355, 12.7264

Rectangle

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



14.9761, 18.9355, 13.9319



14.2108, 18.9355, 22.8639



21.4005, 18.9355, 29.1589



22.4037, 18.9355, 18.5234

Sweetspot

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



14.9766, 18.9363, 13.9323



32.5742, 36.3086, 35.2080



18.3225, 20.0512, 13.9712



7.4996, 8.4401, 8.0231



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.9766, 18.9363, 13.9323



24.5859, 32.4855, 21.5051



15.2932, 19.0258, 17.2784



4.3106, 4.8365, 4.6265



7.8051, 15.3860, 2.5584



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5373, 14.2847, 22.3086



27.8241, 22.8268, 38.8958



16.1916, 14.1978, 18.1677



4.4597, 4.3926, 5.4261



11.0059, 5.2275, 20.6789



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9761, 18.9355, 13.9319 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 14.9761, 18.9355, 13.9319 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 14.9761, 18.9355, 13.9319

Background



This preview shows how black text looks on a background with the XYZ color 14.9761, 18.9355, 13.9319.



This preview shows how white text looks on a background with the XYZ color 14.9761, 18.9355,

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

14.9761, 18.9355, 13.9319

Protanopia

17.5503, 18.7948, 12.8280

Deuteranopia

19.0303, 18.6513, 14.4014



Tritanopia

17.1423, 18.8626, 24.9277

Trichromacy



Original Color

14.9761, 18.9355, 13.9319

Protanomaly

16.3949, 18.7381, 13.1086

Deuteranomaly

17.2333, 18.5999, 14.2371

Tritanomaly

16.3173, 18.9069, 20.5587

Monochromacy



Original Color

14.9761, 18.9355, 13.9319

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9072, 17.8521, 17.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9761, 18.9355, 13.9319 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(99, 128, 96) looks like.

```
.text, #text, p{  
    color:rgb(99, 128, 96)  
}
```

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(99, 128, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 128, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.9761, 18.9355, 13.9319 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(99, 128, 96) }
```


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

```
.border{ border-color:rgb(99, 128, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 128, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 128, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 128, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 128,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9761, 18.9355, 13.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 128, 96) }
```

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

```
.background{ background-color: rgb(99, 128,  
96) }
```

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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