

Converting Colors

XYZ(16.1577, 19.4501, 13.8787)

Have a look what the booklet for
XYZ(16.1577, 19.4501, 13.8787)
contains.

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Color

**XYZ(16.2609, 19.5979,
13.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8060
RGB	110, 128, 96
RGB Percent	43%, 50%, 38%
CMY	0.5686, 0.4980, 0.6235
CMYK	0.14, 0.00, 0.25, 0.50
HSL	94°, 14%, 44%
HSV	94°, 25%, 50%
XYZ	16.2609, 19.5979, 13.9921
YIQ	118.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

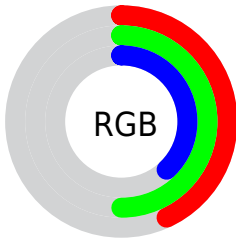
Format	Color
R _Y B	96, 128, 114
Decimal	7241824
CIE Lab	51.38, -12.86, 15.25
CIE LCh	51, 19.944, 130.147
Yxy	19.5979, 0.3262, 0.3931
Android (android.graphics.Color)	4285431904 (0xFF6E8060)
YUV	118.9700, -11.3242, -7.8667
Hunter-Lab	44.2695, -11.9058, 12.2491

Details

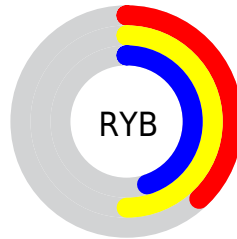
The XYZ color **16.2609, 19.5979, 13.9921** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0195, 13.5023, 22.2378**, and the grayscale version is **17.5603, 18.4748, 20.1191**.

A 20% lighter version of the original color is **36.6906, 42.8357, 33.9381**, and **5.3370, 6.8378, 3.9443** is the 20% darker color. If you saturate the color by 10%, you get **14.8592, 18.9385, 11.0967**, and if you desaturate by 10%, it is **17.8324, 20.3349, 17.3972**.

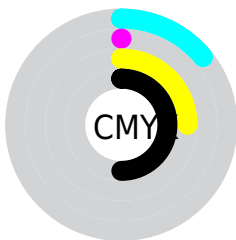
Distribution



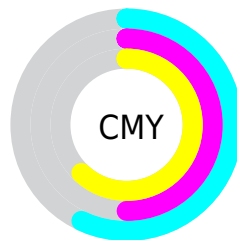
- Red (43%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2609, 19.5979, 13.9921 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 16.2609, 19.5979, 13.9921 by changing the saturation by 10% instead.

■ 16.2609, 19.5979,
13.9921

■ 16.2609, 19.5979,
13.9921

224.1166,
249.7299, 228.6084

■ 9.8010, 12.1031,
7.9765

■ 36.6043, 42.7420,
33.7919

■ 5.3285, 6.8139,
3.9923

■ 51.2186, 59.1601,
48.4132

■ 2.4780, 3.3460,
1.6211

■ 69.2816, 79.3214,
66.7402

■ 0.8842, 1.3149,
0.3058

■ 91.1589, 103.6103,
89.1913

■ 0.0000, 0.1527,
0.0000

117.2156,
132.4112, 116.1851

■ 0.0000, 0.0000,
0.0000

147.8173,

166.1085, 148.1402

183.3291,
205.0866, 185.4752

■ 16.2609, 19.5979,
13.9921

■ 16.2609, 19.5979,
13.9921

■ 14.8592, 18.9385,
11.0967

■ 17.8324, 20.3349,
17.3972

■ 13.6195, 18.3515,
8.6853

■ 19.5782, 21.1496,
21.3337

■ 12.5354, 17.8348,
6.7317

■ 21.5046, 22.0453,
25.8234

■ 11.5996, 17.3851,
5.2068

■ 23.6167, 23.0243,
30.8866

■ 10.8040, 16.9991,
4.0782

■ 25.9200, 24.0888,
36.5425

■ 10.1395, 16.6729,
3.3088

■ 28.4192, 25.2411,
42.8096

■ 9.5937, 16.4013,
2.8439

■ 31.1191, 26.4831,
49.7053

■ 9.3501, 16.2798,
2.6495

■ 34.0244, 27.8169,
57.2466

■ 37.1394, 29.2444,
65.4496

Harmonies

Analogous

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



17.9593, 19.5979, 12.2456



16.2609, 19.5979, 13.9921



15.2459, 19.5979, 17.8198

Triad

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



16.2609, 19.5979, 13.9921



17.3541, 19.5979, 33.4350



22.6658, 19.5979, 19.4605

Complementary

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



16.2609, 19.5979, 13.9921



15.0195, 13.5023, 22.2378

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.



22.4748, 19.5979, 25.2930



16.2609, 19.5979, 13.9921



19.3115, 19.5979, 34.0885

Square

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



16.2609, 19.5979, 13.9921



15.8451, 19.5979, 29.2382



21.2126, 19.5979, 30.8904



21.7172, 19.5979, 15.0081

Rectangle

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



16.2609, 19.5979, 13.9921



15.0472, 19.5979, 21.3670



21.2126, 19.5979, 30.8904



22.7343, 19.5979, 21.3106

Sweetspot

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



16.2614, 19.5987, 13.9925



33.4563, 36.7633, 35.2493



16.9865, 17.3791, 13.5259



7.7365, 8.5622, 8.0342



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.



16.2614, 19.5987, 13.9925



27.1890, 33.8274, 21.6270



14.7294, 18.8004, 14.3094



4.4406, 4.9036, 4.6326



9.2724, 16.1425, 2.6271



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0195, 13.5023, 22.2378



24.6096, 21.1697, 38.7454



16.8775, 14.4722, 21.7792



4.3221, 4.3217, 5.4196



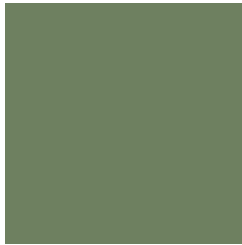
6.5156, 2.9126, 20.4687



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2609, 19.5979, 13.9921 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 16.2609, 19.5979, 13.9921 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 16.2609, 19.5979, 13.9921

Background



This preview shows how black text looks on a background with the XYZ color 16.2609, 19.5979, 13.9921.



This preview shows how white text looks on a background with the XYZ color 16.2609, 19.5979,

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

16.2609, 19.5979, 13.9921

Protanopia

18.2954, 19.5347, 13.1622

Deuteranopia

19.7212, 19.3552, 14.2518



Tritanopia

18.5191, 19.5724, 24.9921

Trichromacy



Original Color

16.2609, 19.5979, 13.9921

Protanomaly

17.3964, 19.4344, 13.4240

Deuteranomaly

18.2010, 19.2836, 14.0721

Tritanomaly

17.6632, 19.6007, 20.6217

Monochromacy



Original Color

16.2609, 19.5979, 13.9921

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.0312, 18.7798, 17.7661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2609, 19.5979, 13.9921 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(110, 128, 96)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 128, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.2609, 19.5979, 13.9921 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(110, 128, 96) }
```


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

```
.border{ border-color:rgb(110, 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(110, 128, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 96);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2609, 19.5979, 13.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 128, 96) }
```

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

```
.background{ background-color: rgb(110,  
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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