

Converting Colors

XYZ(13.0344, 14.8506, 17.0327)

Have a look what the booklet for
XYZ(13.0344, 14.8506, 17.0327)
contains.

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Color

**XYZ(13.0131, 14.8218,
16.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6F6E
RGB	93, 111, 110
RGB Percent	36%, 44%, 43%
CMY	0.6353, 0.5647, 0.5686
CMYK	0.16, 0.00, 0.01, 0.56
HSL	177°, 9%, 40%
HSV	177°, 16%, 44%
XYZ	13.0131, 14.8218, 16.9269
YIQ	105.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

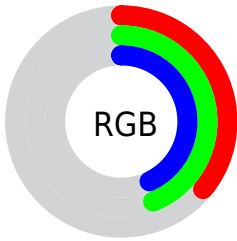
Format	Color
R_{YB}	93, 102, 111
Decimal	6123374
CIE Lab	45.39, -6.91, -1.70
CIE LCh	45, 7.112, 193.800
Yxy	14.8218, 0.2907, 0.3311
Android (android.graphics.Color)	4284313454 (0xFF5D6F6E)
YUV	105.5040, 2.2165, -10.9660
Hunter-Lab	38.4991, -7.0385, 0.8813

Details

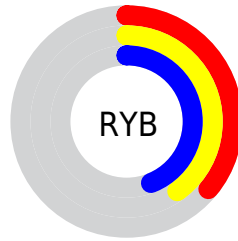
The XYZ color **13.0131, 14.8218, 16.9269** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4908, 12.0167, 12.2514**, and the grayscale version is **13.5606, 14.2668, 15.5366**.

A 20% lighter version of the original color is **31.1204, 34.7323, 39.2462**, and **3.8470, 4.5182, 5.3720** is the 20% darker color. If you saturate the color by 10%, you get **11.9368, 14.2712, 16.7019**, and if you desaturate by 10%, it is **14.2537, 15.4578, 17.1614**.

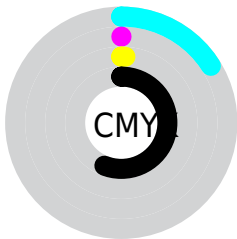
Distribution



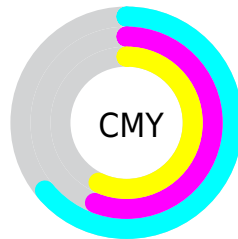
- Red (36%)
- Green (44%)
- Blue (43%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0131, 14.8218, 16.9269 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 13.0131, 14.8218, 16.9269 by changing the saturation by 10% instead.

■ 13.0131, 14.8218,
16.9269

■ 13.0131, 14.8218,
16.9269

204.6375,
222.2851, 246.7804

■ 7.5146, 8.6944,
10.0210

■ 30.9284, 34.5403,
38.9890

■ 3.8351, 4.5424,
5.3071

■ 44.0760, 48.9001,
54.9822

■ 1.6093, 1.9814,
2.3667

■ 60.5040, 66.7729,
74.8416

■ 0.3985, 0.5966,
0.7682

■ 80.5777, 88.5431,
98.9858

■ 0.0000, 0.0000,
0.0000

104.6626,
114.5950, 127.8332

133.1240,

145.3130, 161.8024

166.3271,
181.0816, 201.3120

■ 13.0131, 14.8218,
16.9269

■ 13.0131, 14.8218,
16.9269

■ 11.9368, 14.2712,
16.7019

■ 14.2537, 15.4578,
17.1614

■ 11.0164, 13.8005,
16.4851

■ 15.6637, 16.1808,
17.4048

■ 10.2448, 13.4066,
16.2765

■ 17.2499, 16.9946,
17.6576

■ 9.6140, 13.0852,
16.0757

■ 19.0182, 17.9022,
17.9202

■ 9.1150, 12.8317,
15.8823

■ 20.9741, 18.9065,
18.1928

■ 8.7379, 12.6411,
15.6958

■ 23.1231, 20.0103,
18.4757

■ 8.4714, 12.5074,
15.5157

■ 25.4703, 21.2163,
18.7691

■ 8.2902, 12.4177,
15.3408

■ 28.0207, 22.5270,
19.0732

■ 8.2256, 12.3858,
15.2752

■ 30.7791, 23.9448,
19.3883

Harmonies

Analogous

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



13.0248, 14.8218, 15.2477



13.0131, 14.8218, 16.9269



13.2836, 14.8218, 18.4964

Triad

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



13.0131, 14.8218, 16.9269



14.8886, 14.8218, 18.6021



14.4070, 14.8218, 13.2117

Complementary

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



13.0131, 14.8218, 16.9269



12.4908, 12.0167, 12.2514

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.



14.9235, 14.8218, 13.9899



13.0131, 14.8218, 16.9269



15.2069, 14.8218, 17.0632

Square

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



13.0131, 14.8218, 16.9269



14.3604, 14.8218, 19.5083



15.2198, 14.8218, 15.3748



13.8185, 14.8218, 13.1808

Rectangle

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



13.0131, 14.8218, 16.9269



13.5921, 14.8218, 19.2368



15.2198, 14.8218, 15.3748



14.5952, 14.8218, 13.3919

Sweetspot

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



13.0135, 14.8224, 16.9272



25.7805, 27.8109, 30.7754



12.2973, 14.5501, 12.5165



6.1623, 6.6654, 7.3880



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.0135, 14.8224, 16.9272



22.6338, 26.1988, 30.1749



12.2540, 13.2157, 16.9446



3.4673, 3.8121, 4.2673



9.6894, 14.5933, 17.9828



48.1602, 72.6527, 89.0178

Inverse Universe

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



12.4908, 12.0167, 12.2514



21.5319, 20.2842, 20.3183



13.1661, 13.4389, 12.2562



3.3913, 3.4042, 3.5875



7.7615, 3.9970, 0.5539



38.5590, 19.8689, 2.2098

Previews

White Background



This preview shows how the XYZ color 13.0131, 14.8218, 16.9269 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 13.0131, 14.8218, 16.9269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

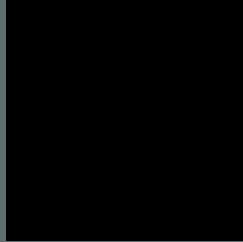
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0131, 14.8218, 16.9269

Background



This preview shows how black text looks on a background with the XYZ color 13.0131, 14.8218, 16.9269.



This preview shows how white text looks on a background with the XYZ color 13.0131, 14.8218,

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

13.0131, 14.8218, 16.9269

Protanopia

14.2182, 14.8281, 16.0227

Deuteranopia

15.0220, 14.7613, 17.0964



Tritanopia

13.5653, 14.8928, 19.2992

Trichromacy



Original Color

13.0131, 14.8218, 16.9269

Protanomaly

13.6629, 14.6914, 16.3030

Deuteranomaly

14.3113, 14.8512, 17.1512

Tritanomaly

13.2865, 14.7693, 18.3701

Monochromacy



Original Color

13.0131, 14.8218, 16.9269

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.3832, 14.5534, 16.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0131, 14.8218, 16.9269 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, 111, 110) looks like.

```
.text, #text, p{  
    color:rgb(93, 111, 110)  
}
```

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, 111, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 111, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.0131, 14.8218, 16.9269 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, 111, 110) }
```


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

```
.border{ border-color:rgb(93, 111, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 111, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 111, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 111, 110);  
box-shadow:4px 4px 4px 4px rgb(93, 111,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0131, 14.8218, 16.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 111, 110) }
```

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

```
.background{ background-color: rgb(93, 111,  
110) }
```

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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