

Converting Colors

XYZ(13.9275, 15.8930, 18.2965)

Have a look what the booklet for
XYZ(13.9275, 15.8930, 18.2965)
contains.

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Color

**XYZ(13.9919, 15.9632,
18.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	607372
RGB	96, 115, 114
RGB Percent	38%, 45%, 45%
CMY	0.6235, 0.5490, 0.5529
CMYK	0.17, 0.00, 0.01, 0.55
HSL	177°, 9%, 41%
HSV	177°, 17%, 45%
XYZ	13.9919, 15.9632, 18.2633
YIQ	109.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

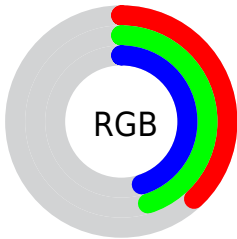
Format	Color
R_{YB}	96, 106, 115
Decimal	6321010
CIE _{Lab}	46.93, -7.23, -1.81
CIE _{LCh}	47, 7.448, 194.026
Yxy	15.9632, 0.2902, 0.3311
Android (android.graphics.Color)	4284511090 (0xFF607372)
YUV	109.2050, 2.3639, -11.5808
Hunter-Lab	39.9540, -7.4087, 0.8658

Details

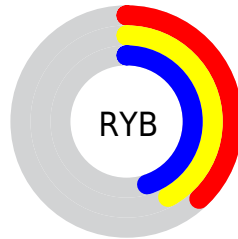
The XYZ color **13.9919, 15.9632, 18.2633** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4114, 12.8742, 13.0882**, and the grayscale version is **14.5902, 15.3500, 16.7161**.

A 20% lighter version of the original color is **32.7343, 36.5937, 41.4144**, and **4.2571, 5.0606, 5.9067** is the 20% darker color. If you saturate the color by 10%, you get **12.8351, 15.3713, 18.0299**, and if you desaturate by 10%, it is **15.3269, 16.6478, 18.5069**.

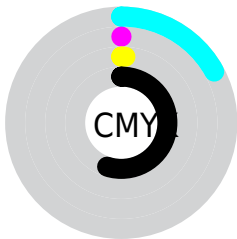
Distribution



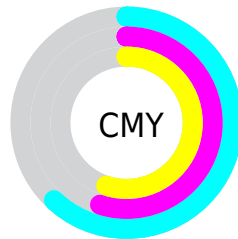
- Red (38%)
- Green (45%)
- Blue (45%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9919, 15.9632, 18.2633 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 13.9919, 15.9632, 18.2633 by changing the saturation by 10% instead.

■ 13.9919, 15.9632,
18.2633

■ 13.9919, 15.9632,
18.2633

210.6921,
229.1245, 254.6367

■ 8.1967, 9.4981,
10.9678

■ 32.6610, 36.5343,
41.3055

■ 4.2739, 5.0675,
5.9313

■ 46.2657, 51.4091,
57.8892

■ 1.8582, 2.2869,
2.7352

■ 63.2042, 69.8560,
78.4061

■ 0.5524, 0.7668,
0.9611

■ 83.8419, 92.2592,
103.2746

■ 0.0000, 0.0000,
0.0000

108.5442,
119.0033, 132.9135

137.6764,

150.4726, 167.7411

171.6039,
187.0516, 208.1760

■ 13.9919, 15.9632,
18.2633

■ 13.9919, 15.9632,
18.2633

■ 12.8351, 15.3713,
18.0299

■ 15.3269, 16.6478,
18.5069

■ 11.8475, 14.8661,
17.8053

■ 16.8459, 17.4269,
18.7600

■ 11.0212, 14.4440,
17.5894

■ 18.5561, 18.3045,
19.0232

■ 10.3475, 14.1006,
17.3818

■ 20.4640, 19.2840,
19.2969

■ 9.8164, 13.8307,
17.1821

■ 22.5758, 20.3685,
19.5813

■ 9.4173, 13.6288,
16.9898

■ 24.8973, 21.5612,
19.8768

■ 9.1375, 13.4883,
16.8042

■ 27.4342, 22.8648,
20.1835

■ 8.9495, 13.3952,
16.6241

■ 30.1918, 24.2822,
20.5018

■ 8.8880, 13.3649,
16.5619

■ 33.1755, 25.8162,
20.8319

Harmonies

Analogous

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



14.0023, 15.9632, 16.4146



13.9919, 15.9632, 18.2633



14.2914, 15.9632, 19.9896

Triad

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



13.9919, 15.9632, 18.2633



16.0579, 15.9632, 20.0843



15.5191, 15.9632, 14.1619

Complementary

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



13.9919, 15.9632, 18.2633



13.4114, 12.8742, 13.0882

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.



16.0891, 15.9632, 15.0102



13.9919, 15.9632, 18.2633



16.4062, 15.9632, 18.3851

Square

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



13.9919, 15.9632, 18.2633



15.4775, 15.9632, 21.0906



16.4178, 15.9632, 16.5280



14.8716, 15.9632, 14.1344

Rectangle

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



13.9919, 15.9632, 18.2633



14.6317, 15.9632, 20.8020



16.4178, 15.9632, 16.5280



15.7266, 15.9632, 14.3576

Sweetspot

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



13.9924, 15.9639, 18.2637



27.8028, 29.9935, 33.2006



13.2008, 15.6628, 13.3941



6.5983, 7.1377, 7.9145



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9924, 15.9639, 18.2637



24.1880, 28.1410, 32.5335



13.1523, 14.1920, 18.2666



3.7754, 4.1521, 4.6510



10.1580, 15.2772, 18.9199



49.4002, 74.4073, 91.6672

Inverse Universe

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



13.4114, 12.8742, 13.0882



22.9300, 21.4503, 21.3268



14.1560, 14.4376, 13.1073



3.6911, 3.7037, 3.8999



8.1182, 4.1810, 0.5645



39.4623, 20.3350, 2.2319

Previews

White Background



This preview shows how the XYZ color 13.9919, 15.9632, 18.2633 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 13.9919, 15.9632, 18.2633 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

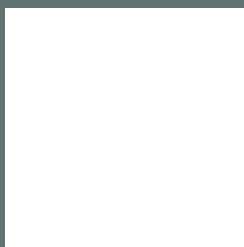
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9919, 15.9632, 18.2633

Background



This preview shows how black text looks on a background with the XYZ color 13.9919, 15.9632, 18.2633.



This preview shows how white text looks on a background with the XYZ color 13.9919, 15.9632,

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

13.9919, 15.9632, 18.2633

Protanopia

15.2552, 15.8103, 17.2866

Deuteranopia

16.2028, 15.9560, 18.4455



Tritanopia

14.6295, 16.0614, 21.0680

Trichromacy



Original Color

13.9919, 15.9632, 18.2633

Protanomaly

14.7822, 15.8840, 17.6160

Deuteranomaly

15.3345, 15.9862, 18.4971

Tritanomaly

14.3372, 15.9321, 20.0888

Monochromacy



Original Color

13.9919, 15.9632, 18.2633

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2626, 15.4596, 17.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9919, 15.9632, 18.2633 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(96, 115, 114) looks like.

```
.text, #text, p{  
    color:rgb(96, 115, 114)  
}
```

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(96, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 115, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.9919, 15.9632, 18.2633 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(96, 115, 114) }
```


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

```
.border{ border-color:rgb(96, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(96, 115,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9919, 15.9632, 18.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 115, 114) }
```

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

```
.background{ background-color: rgb(96, 115,  
114) }
```

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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