

Converting Colors

XYZ(15.9441, 18.8414, 13.0752)

Have a look what the booklet for
XYZ(15.9441, 18.8414, 13.0752)
contains.

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Color

**XYZ(15.9915, 18.9023,
13.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	707D5D
RGB	112, 125, 93
RGB Percent	44%, 49%, 36%
CMY	0.5608, 0.5098, 0.6353
CMYK	0.10, 0.00, 0.26, 0.51
HSL	84°, 15%, 43%
HSV	84°, 26%, 49%
XYZ	15.9915, 18.9023, 13.1616
YIQ	117.4650, 2.5240, -12.7080

Conversions

Conversions Part 2

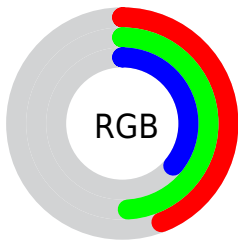
Format	Color
R_{YB}	93, 125, 106
Decimal	7372125
CIE _{Lab}	50.57, -10.92, 15.89
CIE _{LCh}	51, 19.284, 124.502
Yxy	18.9023, 0.3328, 0.3933
Android (android.graphics.Color)	4285562205 (0xFF707D5D)
YUV	117.4650, -12.0612, -4.7928
Hunter-Lab	43.4768, -10.4290, 12.4851

Details

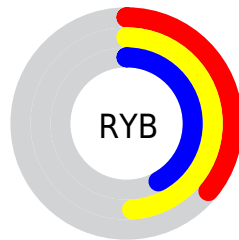
The XYZ color **15.9915, 18.9023, 13.1616** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.5607, 12.3741, 21.0768**, and the grayscale version is **17.0891, 17.9791, 19.5792**.

A 20% lighter version of the original color is **36.1882, 41.7165, 32.1314**, and **5.2119, 6.4641, 3.6623** is the 20% darker color. If you saturate the color by 10%, you get **14.8545, 18.3756, 10.4507**, and if you desaturate by 10%, it is **17.2565, 19.4857, 16.3518**.

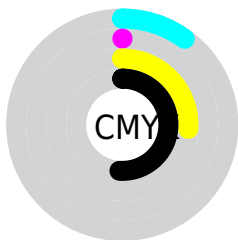
Distribution



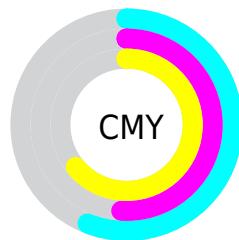
- Red (44%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9915, 18.9023, 13.1616 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 15.9915, 18.9023, 13.1616 by changing the saturation by 10% instead.

■ 15.9915, 18.9023,
13.1616

■ 15.9915, 18.9023,
13.1616

222.5629,
245.9089, 223.1948

■ 9.6089, 11.5997,
7.4079

■ 36.1410, 41.5689,
32.2892

■ 5.2007, 6.4717,
3.6362

■ 50.6387, 57.7018,
46.5002

■ 2.4015, 3.1340,
1.4280

■ 68.5721, 77.5468,
64.3674

■ 0.8458, 1.2021,
0.1634

■ 90.3066, 101.4885,
86.3093

■ 0.0000, 0.0634,
0.0000

116.2076,
129.9111, 112.7444

■ 0.0000, 0.0000,
0.0000

146.6404,

163.1991, 144.0914

181.9704,
201.7369, 180.7687

■ 15.9915, 18.9023,
13.1616

■ 15.9915, 18.9023,
13.1616

■ 14.8545, 18.3756,
10.4507

■ 17.2565, 19.4857,
16.3518

■ 13.8391, 17.9010,
8.1948

■ 18.6526, 20.1252,
20.0416

■ 12.9402, 17.4771,
6.3690

■ 20.1849, 20.8235,
24.2517

■ 12.1522, 17.1015,
4.9459

■ 21.8574, 21.5823,
29.0014

■ 11.4685, 16.7716,
3.8948

■ 23.6742, 22.4034,
34.3087

■ 10.8818, 16.4844,
3.1805

■ 25.6391, 23.2881,
40.1910

■ 10.3803, 16.2350,
2.7445

■ 27.7557, 24.2382,
46.6649

■ 10.1745, 16.1323,
2.5776

■ 30.0277, 25.2550,
53.7463

■ 32.4583, 26.3401,
61.4505

Harmonies

Analogous

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



17.6833, 18.9023, 11.8754



15.9915, 18.9023, 13.1616



14.8911, 18.9023, 16.4310

Triad

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



15.9915, 18.9023, 13.1616



16.4515, 18.9023, 31.4360



21.8243, 18.9023, 19.7778

Complementary

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



15.9915, 18.9023, 13.1616



13.5607, 12.3741, 21.0768

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.



21.4377, 18.9023, 25.3777



15.9915, 18.9023, 13.1616



18.2519, 18.9023, 32.7515

Square

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



15.9915, 18.9023, 13.1616



15.1433, 18.9023, 27.0341



20.0968, 18.9023, 30.3684



21.1194, 18.9023, 15.2470

Rectangle

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



15.9915, 18.9023, 13.1616



14.5964, 18.9023, 19.6034



20.0968, 18.9023, 30.3684



21.8181, 18.9023, 21.5914

Sweetspot

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



15.9920, 18.9031, 13.1620



32.7293, 35.7306, 34.0867



15.5674, 15.4178, 12.5117



7.3697, 8.0931, 7.5538



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.



15.9920, 18.9031, 13.1620



27.3575, 33.2568, 20.4846



14.1549, 17.9561, 13.0760



4.5016, 4.9350, 4.6354



10.6105, 16.8323, 2.6897



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5607, 12.3741, 21.0768



22.1891, 19.3744, 37.3145



15.6145, 13.4329, 21.1729



4.2614, 4.2904, 5.4168



5.2696, 2.2703, 20.4104



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9915, 18.9023, 13.1616 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 15.9915, 18.9023, 13.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

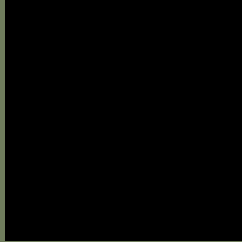
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9915, 18.9023, 13.1616

Background



This preview shows how black text looks on a background with the XYZ color 15.9915, 18.9023, 13.1616.



This preview shows how white text looks on a background with the XYZ color 15.9915, 18.9023,

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

15.9915, 18.9023, 13.1616

Protanopia

17.6581, 18.8554, 12.6063

Deuteranopia

19.0115, 18.6631, 13.4268



Tritanopia

18.0819, 18.8266, 23.8000

Trichromacy



Original Color

15.9915, 18.9023, 13.1616

Protanomaly

17.0597, 18.9027, 12.8747

Deuteranomaly

17.8231, 18.7476, 13.2689

Tritanomaly

17.2407, 18.8483, 19.5590

Monochromacy



Original Color

15.9915, 18.9023, 13.1616

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4935, 18.1605, 16.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9915, 18.9023, 13.1616 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(112, 125, 93)` looks like.

```
.text, #text, p{  
    color:rgb(112, 125, 93)  
}
```

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(112, 125, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 125, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.9915, 18.9023, 13.1616 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(112, 125, 93) }
```


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

```
.border{ border-color:rgb(112, 125, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 125, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 125, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 125, 93);  
box-shadow:4px 4px 4px 4px rgb(112, 125,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9915, 18.9023, 13.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 125, 93) }
```

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

```
.background{ background-color: rgb(112,  
125, 93) }
```

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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