

Converting Colors

XYZ(18.5160, 22.5127, 15.1955)

Have a look what the booklet for
XYZ(18.5160, 22.5127, 15.1955)
contains.

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Color

**XYZ(18.5339, 22.5741,
15.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	758963
RGB	117, 137, 99
RGB Percent	46%, 54%, 39%
CMY	0.5412, 0.4627, 0.6118
CMYK	0.15, 0.00, 0.28, 0.46
HSL	92°, 16%, 46%
HSV	92°, 28%, 54%
XYZ	18.5339, 22.5741, 15.1848
YIQ	126.6880, 0.2780, -16.0580

Conversions

Conversions Part 2

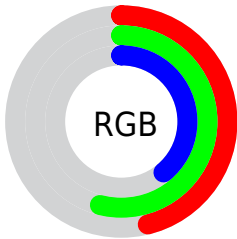
Format	Color
R _Y B	99, 137, 119
Decimal	7702883
CIE Lab	54.63, -14.50, 18.06
CIE LCh	55, 23.162, 128.759
Yxy	22.5741, 0.3292, 0.4010
Android (android.graphics.Color)	4285892963 (0xFF758963)
YUV	126.6880, -13.6502, -8.4964
Hunter-Lab	47.5122, -13.5158, 14.3096

Details

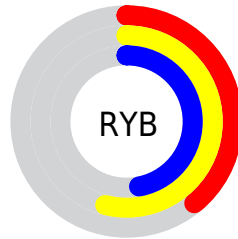
The XYZ color **18.5339, 22.5741, 15.1848** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5860, 14.6524, 25.6222**, and the grayscale version is **20.1116, 21.1589, 23.0421**.

A 20% lighter version of the original color is **40.2807, 47.4639, 35.8926**, and **6.4119, 8.2933, 4.5116** is the 20% darker color. If you saturate the color by 10%, you get **17.0020, 21.8544, 11.9794**, and if you desaturate by 10%, it is **20.2528, 23.3787, 18.9800**.

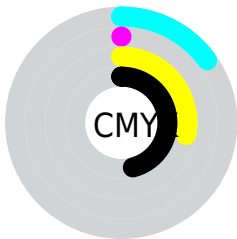
Distribution



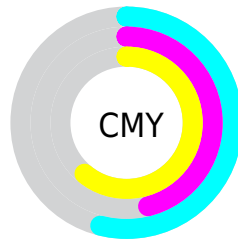
- Red (46%)
- Green (54%)
- Blue (39%)



- Red (39%)
- Yellow (54%)
- Blue (47%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5339, 22.5741, 15.1848 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 18.5339, 22.5741, 15.1848 by changing the saturation by 10% instead.

■ 18.5339, 22.5741,
15.1848

■ 18.5339, 22.5741,
15.1848

236.8512,
265.5299, 236.1612

■ 11.4360, 14.2793,
8.8011

■ 40.4680, 47.6930,
35.9239

■ 6.4303, 8.3152,
4.5167

■ 56.0349, 65.2860,
51.1165

■ 3.1516, 4.2973,
1.9128

■ 75.1554, 86.7472,
70.0824

■ 1.2344, 1.8412,
0.5009

■ 98.1951, 112.4610,
93.2402

■ 0.1333, 0.5127,
0.0000

125.5191,
142.8117, 121.0084

■ 0.0000, 0.0000,
0.0000

157.4929,

178.1839, 153.8056

194.4818,
218.9618, 192.0504

■ 18.5339, 22.5741,
15.1848

■ 18.5339, 22.5741,
15.1848

■ 17.0020, 21.8544,
11.9794

■ 20.2528, 23.3787,
18.9800

■ 15.6480, 21.2136,
9.3327

■ 22.1638, 24.2682,
23.3910

■ 14.4647, 20.6493,
7.2131

■ 24.2739, 25.2463,
28.4442

■ 13.4437, 20.1579,
5.5849

■ 26.5892, 26.3157,
34.1638

■ 12.5754, 19.7354,
4.4085

■ 29.1155, 27.4789,
40.5729

■ 11.8492, 19.3773,
3.6378

■ 31.8586, 28.7382,
47.6935

■ 11.2451, 19.0755,
3.1782

■ 34.8237, 30.0960,
55.5464

■ 11.1187, 19.0123,
3.0837

■ 38.0159, 31.5545,
64.1519

■ 41.4404, 33.1159,
73.5292

Harmonies

Analogous

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



20.7189, 22.5741, 13.1604



18.5339, 22.5741, 15.1848



17.2076, 22.5741, 19.8404

Triad

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



18.5339, 22.5741, 15.1848



19.7303, 22.5741, 40.1058



26.6690, 22.5741, 22.5049

Complementary

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



18.5339, 22.5741, 15.1848



16.5860, 14.6524, 25.6222

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.



26.3517, 22.5741, 30.0186



18.5339, 22.5741, 15.1848



22.2104, 22.5741, 41.2096

Square

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



18.5339, 22.5741, 15.1848



17.8594, 22.5741, 34.4466



24.6702, 22.5741, 37.2180



25.5057, 22.5741, 16.8031

Rectangle

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



18.5339, 22.5741, 15.1848



16.9230, 22.5741, 24.2769



24.6702, 22.5741, 37.2180



26.7338, 22.5741, 24.8843

Sweetspot

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



18.5345, 22.5751, 15.1853



39.5318, 43.3845, 41.5167



19.1228, 19.3266, 14.5273



8.7590, 9.6808, 9.0595



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.5345, 22.5751, 15.1853



31.5071, 39.6352, 23.6305



16.3745, 21.4581, 15.2429



5.1824, 5.7168, 5.3827



10.3702, 17.7160, 2.8730



0.0856, 0.1263, 0.0199

Inverse Universe

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



16.5860, 14.6524, 25.6222



27.4426, 23.1114, 45.3977



19.2493, 16.0307, 25.5103



5.0094, 5.0133, 6.3095



6.7172, 2.9770, 22.2663



0.0615, 0.0285, 0.1487

Previews

White Background



This preview shows how the XYZ color 18.5339, 22.5741, 15.1848 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 18.5339, 22.5741, 15.1848 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 18.5339, 22.5741, 15.1848

Background



This preview shows how black text looks on a background with the XYZ color 18.5339, 22.5741, 15.1848.



This preview shows how white text looks on a background with the XYZ color 18.5339, 22.5741,

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

18.5339, 22.5741, 15.1848

Protanopia

20.9092, 22.3852, 14.2851

Deuteranopia

22.8194, 22.3791, 15.4288



Tritanopia

21.1672, 22.3965, 28.7985

Trichromacy



Original Color

18.5339, 22.5741, 15.1848

Protanomaly

20.0609, 22.5437, 14.6033

Deuteranomaly

20.9657, 22.1961, 15.2358

Tritanomaly

20.0386, 22.3464, 22.9958

Monochromacy



Original Color

18.5339, 22.5741, 15.1848

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4956, 21.7279, 19.9960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5339, 22.5741, 15.1848 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(117, 137, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 99)  
}
```

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(117, 137, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.5339, 22.5741, 15.1848 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(117, 137, 99) }
```


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

```
.border{ border-color:rgb(117, 137, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 137, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 137, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 137, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 137,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5339, 22.5741, 15.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 99) }
```

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

```
.background{ background-color: rgb(117,  
137, 99) }
```

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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