

Converting Colors

XYZ(15.1576, 18.9137, 14.7693)

Have a look what the booklet for
XYZ(15.1576, 18.9137, 14.7693)
contains.

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Color

**XYZ(15.2268, 19.0485,
14.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	648063
RGB	100, 128, 99
RGB Percent	39%, 50%, 39%
CMY	0.6078, 0.4980, 0.6118
CMYK	0.22, 0.00, 0.23, 0.50
HSL	118°, 13%, 45%
HSV	118°, 23%, 50%
XYZ	15.2268, 19.0485, 14.6786
YIQ	116.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

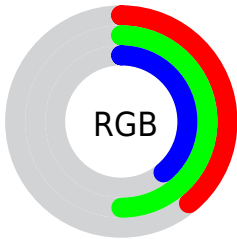
Format	Color
RYB	99, 128, 127
Decimal	6586467
CIELab	50.74, -16.13, 12.53
CIELCh	51, 20.424, 142.175
Yxy	19.0485, 0.3110, 0.3891
Android (android.graphics.Color)	4284776547 (0xFF648063)
YUV	116.3220, -8.5397, -14.3144
Hunter-Lab	43.6446, -14.1026, 10.6107

Details

The XYZ color **15.2268, 19.0485, 14.6786** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.1114, 14.9948, 22.4155**, and the grayscale version is **16.7267, 17.5978, 19.1640**.

A 20% lighter version of the original color is **34.7914, 41.8291, 35.0943**, and **4.8320, 6.5700, 4.2623** is the 20% darker color. If you saturate the color by 10%, you get **13.3980, 18.1714, 11.6479**, and if you desaturate by 10%, it is **17.3611, 20.0729, 18.2308**.

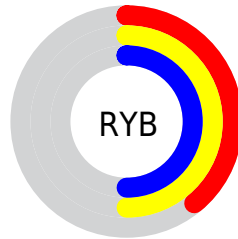
Distribution



Red (39%)

Green (50%)

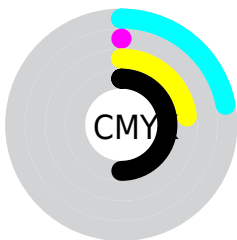
Blue (39%)



Red (39%)

Yellow (50%)

Blue (50%)

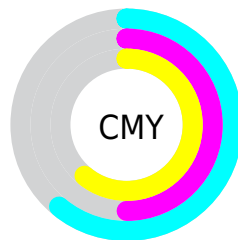


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (61%)

Magenta (50%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2268, 19.0485, 14.6786 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 15.2268, 19.0485, 14.6786 by changing the saturation by 10% instead.

■ 15.2268, 19.0485,
14.6786

■ 15.2268, 19.0485,
14.6786

218.0962,
246.7164, 232.9859

■ 9.0661, 11.7053,
8.4500

■ 34.8190, 41.8160,
35.0226

■ 4.8418, 6.5434,
4.2924

■ 48.9811, 58.0092,
49.9752

■ 2.1885, 3.1782,
1.7871

■ 66.5411, 77.9211,
68.6728

■ 0.7367, 1.2255,
0.4194

■ 87.8643, 101.9362,
91.5340

■ 0.0000, 0.0824,
0.0000

113.3160,
130.4389, 118.9774

■ 0.0000, 0.0000,
0.0000

143.2617,

163.8136, 151.4215

178.0666,
202.4446, 189.2848

■ 15.2268, 19.0485,
14.6786

■ 15.2268, 19.0485,
14.6786

■ 13.3980, 18.1714,
11.6479

■ 17.3611, 20.0729,
18.2308

■ 11.8592, 17.4327,
9.1130

■ 19.8123, 21.2485,
22.3261

■ 10.5961, 16.8259,
7.0479

■ 22.5932, 22.5818,
26.9864

■ 9.5923, 16.3434,
5.4237

■ 25.7153, 24.0784,
32.2320

■ 8.8298, 15.9764,
4.2085

■ 29.1897, 25.7437,
38.0822

■ 8.2883, 15.7154,
3.3657

■ 33.0269, 27.5825,
44.5554

■ 7.9443, 15.5490,
2.8525

■ 37.2370, 29.5998,
51.6694

■ 7.7747, 15.4675,
2.5758

■ 41.8297, 31.8002,
59.4409

■ 46.8143, 34.1881,
67.8865

Harmonies

Analogous

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



16.6883, 19.0485, 12.1027



15.2268, 19.0485, 14.6786



14.5473, 19.0485, 19.2731

Triad

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



15.2268, 19.0485, 14.6786



17.5851, 19.0485, 33.7176



21.9157, 19.0485, 16.8454

Complementary

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



15.2268, 19.0485, 14.6786



17.1114, 14.9948, 22.4155

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.



22.2001, 19.0485, 22.2807



15.2268, 19.0485, 14.6786



19.5998, 19.0485, 32.7400

Square

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



15.2268, 19.0485, 14.6786



15.8418, 19.0485, 30.7437



21.3249, 19.0485, 28.2768



20.5742, 19.0485, 13.1833

Rectangle

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



15.2268, 19.0485, 14.6786



14.5913, 19.0485, 23.1579



21.3249, 19.0485, 28.2768



22.1420, 19.0485, 18.4976

Sweetspot

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



15.2273, 19.0493, 14.6790



32.8667, 36.4435, 35.9383



18.6864, 20.5538, 14.7871



7.6496, 8.5107, 8.3384



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.



15.2273, 19.0493, 14.6790



25.1445, 32.7391, 23.0824



15.7928, 19.2628, 18.2301



4.2887, 4.8253, 4.6255



7.7091, 15.3366, 2.5539



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1114, 14.9948, 22.4155



29.0500, 24.3328, 39.1219



16.4562, 14.7500, 18.1849



4.4840, 4.4051, 5.4272



12.0472, 5.7643, 20.7276



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2268, 19.0485, 14.6786 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 15.2268, 19.0485, 14.6786 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 15.2268, 19.0485, 14.6786

Background



This preview shows how black text looks on a background with the XYZ color 15.2268, 19.0485, 14.6786.



This preview shows how white text looks on a background with the XYZ color 15.2268, 19.0485,

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

15.2268, 19.0485, 14.6786

Protanopia

17.6841, 18.8484, 13.5325

Deuteranopia

19.2911, 18.9391, 15.2092



Tritanopia

17.2605, 18.9235, 24.9332

Trichromacy



Original Color

15.2268, 19.0485, 14.6786

Protanomaly

16.6655, 18.8620, 13.8287

Deuteranomaly

17.5229, 18.7325, 15.0041

Tritanomaly

16.4937, 18.9908, 20.8854

Monochromacy



Original Color

15.2268, 19.0485, 14.6786

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9614, 17.8737, 17.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2268, 19.0485, 14.6786 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(100, 128, 99)` looks like.

```
.text, #text, p{  
    color:rgb(100, 128, 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(100, 128, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 128, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.2268, 19.0485, 14.6786 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(100, 128, 99) }
```


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

```
.border{ border-color:rgb(100, 128, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 128, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 128, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 128, 99);  
box-shadow:4px 4px 4px 4px rgb(100, 128,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2268, 19.0485, 14.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 128, 99) }
```

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

```
.background{ background-color: rgb(100,  
128, 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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