

Converting Colors

XYZ(15.5406, 19.4933, 14.8632)

Have a look what the booklet for
XYZ(15.5406, 19.4933, 14.8632)
contains.

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Color

**XYZ(15.4692, 19.3681,
14.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	658163
RGB	101, 129, 99
RGB Percent	40%, 51%, 39%
CMY	0.6039, 0.4941, 0.6118
CMYK	0.22, 0.00, 0.23, 0.49
HSL	116°, 13%, 45%
HSV	116°, 23%, 51%
XYZ	15.4692, 19.3681, 14.7275
YIQ	117.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

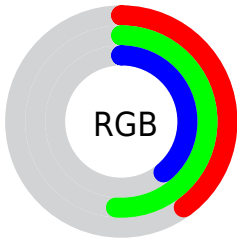
Format	Color
RYB	99, 129, 127
Decimal	6652259
CIELab	51.12, -16.30, 13.05
CIELCh	51, 20.881, 141.315
Yxy	19.3681, 0.3121, 0.3908
Android (android.graphics.Color)	4284842339 (0xFF658163)
YUV	117.2080, -8.9765, -14.2144
Hunter-Lab	44.0092, -14.2735, 10.9653

Details

The XYZ color **15.4692, 19.3681, 14.7275** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.1776, 15.0213, 22.7640**, and the grayscale version is **17.0020, 17.8874, 19.4794**.

A 20% lighter version of the original color is **35.1819, 42.3333, 35.1710**, and **4.9567, 6.7421, 4.2889** is the 20% darker color. If you saturate the color by 10%, you get **13.6504, 18.4967, 11.6762**, and if you desaturate by 10%, it is **17.5851, 20.3824, 18.3079**.

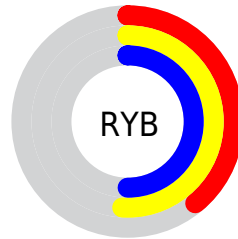
Distribution



Red (40%)

Green (51%)

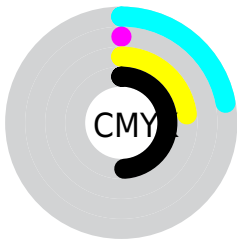
Blue (39%)



Red (39%)

Yellow (51%)

Blue (50%)

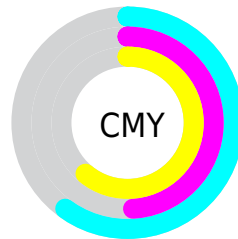


Cyan (22%)

Magenta (0%)

Yellow (23%)

Black (49%)



Cyan (60%)

Magenta (49%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4692, 19.3681, 14.7275 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 15.4692, 19.3681, 14.7275 by changing the saturation by 10% instead.

■ 15.4692, 19.3681,
14.7275

■ 15.4692, 19.3681,
14.7275

219.5214,
248.4734, 233.2946

■ 9.2378, 11.9366,
8.4839

■ 35.2392, 42.3552,
35.1099

■ 4.9550, 6.7005,
4.3139

■ 49.5084, 58.6795,
50.0858

■ 2.2553, 3.2755,
1.7991

■ 67.1877, 78.7369,
68.8095

■ 0.7717, 1.2772,
0.4274

■ 88.6423, 102.9117,
91.6996

■ 0.0000, 0.1234,
0.0000

114.2376,
131.5884, 119.1746

■ 0.0000, 0.0000,
0.0000

144.3390,

165.1513, 151.6531

179.3118,
203.9848, 189.5536

■ 15.4692, 19.3681,
14.7275

■ 15.4692, 19.3681,
14.7275

■ 13.6504, 18.4967,
11.6762

■ 17.5851, 20.3824,
18.3079

■ 12.1139, 17.7594,
9.1277

■ 20.0091, 21.5431,
22.4394

■ 10.8461, 17.1504,
7.0554

■ 22.7532, 22.8564,
27.1444

■ 9.8315, 16.6623,
5.4298

■ 25.8286, 24.3277,
32.4436

■ 9.0530, 16.2870,
4.2180

■ 29.2458, 25.9620,
38.3567

■ 8.4915, 16.0154,
3.3827

■ 33.0149, 27.7641,
44.9027

■ 8.1244, 15.8370,
2.8784

■ 37.1455, 29.7385,
52.0993

■ 7.9583, 15.7568,
2.6219

■ 41.6470, 31.8897,
59.9640

■ 46.5283, 34.2219,
68.5133

Harmonies

Analogous

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



16.9975, 19.3681, 12.1409



15.4692, 19.3681, 14.7275



14.7428, 19.3681, 19.4112

Triad

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



15.4692, 19.3681, 14.7275



17.8134, 19.3681, 34.5067



22.3777, 19.3681, 17.2051

Complementary

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



15.4692, 19.3681, 14.7275



17.1776, 15.0213, 22.7640

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.



22.6372, 19.3681, 22.8599



15.4692, 19.3681, 14.7275



19.8961, 19.3681, 33.6120

Square

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



15.4692, 19.3681, 14.7275



16.0280, 19.3681, 31.3142



21.6990, 19.3681, 29.0593



21.0144, 19.3681, 13.3734

Rectangle

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



15.4692, 19.3681, 14.7275



14.7702, 19.3681, 23.4087



21.6990, 19.3681, 29.0593



22.6007, 19.3681, 18.9271

Sweetspot

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



15.4697, 19.3689, 14.7279



34.0669, 37.7328, 37.1710



18.8957, 20.7478, 14.8135



7.6673, 8.5198, 8.3392



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.



15.4697, 19.3689, 14.7279



25.8780, 33.8096, 23.3078



15.9211, 19.5239, 18.2592



4.3005, 4.8314, 4.6260



7.7605, 15.3630, 2.5563



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1776, 15.0213, 22.7640



29.5050, 24.5724, 40.3804



16.6682, 14.8523, 18.5120



4.4708, 4.3983, 5.4266



11.4718, 5.4677, 20.7007



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4692, 19.3681, 14.7275 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 15.4692, 19.3681, 14.7275 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 15.4692, 19.3681, 14.7275

Background



This preview shows how black text looks on a background with the XYZ color 15.4692, 19.3681, 14.7275.



This preview shows how white text looks on a background with the XYZ color 15.4692, 19.3681,

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

15.4692, 19.3681, 14.7275

Protanopia

17.9562, 19.1681, 13.5799

Deuteranopia

19.5748, 19.2573, 15.2557



Tritanopia

17.5741, 19.2623, 25.3460

Trichromacy



Original Color

15.4692, 19.3681, 14.7275

Protanomaly

16.9267, 19.1818, 13.8766

Deuteranomaly

17.7905, 19.0499, 15.0513

Tritanomaly

16.7377, 19.3054, 20.9333

Monochromacy



Original Color

15.4692, 19.3681, 14.7275

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2074, 18.1800, 17.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4692, 19.3681, 14.7275 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(101, 129, 99)` looks like.

```
.text, #text, p{  
    color:rgb(101, 129, 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(101, 129, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 129, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.4692, 19.3681, 14.7275 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(101, 129, 99) }
```


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

```
.border{ border-color:rgb(101, 129, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 129, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 129, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 129, 99);  
box-shadow:4px 4px 4px 4px rgb(101, 129,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4692, 19.3681, 14.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 129, 99) }
```

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

```
.background{ background-color: rgb(101,  
129, 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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