

Converting Colors

XYZ(15.2109, 19.5553, 14.7912)

Have a look what the booklet for
XYZ(15.2109, 19.5553, 14.7912)
contains.

XYZ(15.2982, 19.6748, 14.7957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.2982, 19.6748,
14.7957)**

Conversions

Conversions Part 1

Format	Color
Hex	618363
RGB	97, 131, 99
RGB Percent	38%, 51%, 39%
CMY	0.6196, 0.4863, 0.6118
CMYK	0.26, 0.00, 0.24, 0.49
HSL	124°, 15%, 45%
HSV	124°, 26%, 51%
XYZ	15.2982, 19.6748, 14.7957
YIQ	117.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

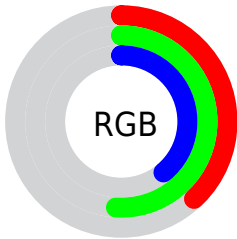
Format	Color
RYB	97, 129, 131
Decimal	6390627
CIELab	51.47, -18.83, 13.50
CIElCh	51, 23.168, 144.357
Yxy	19.6748, 0.3074, 0.3953
Android (android.graphics.Color)	4284580707 (0xFF618363)
YUV	117.1860, -8.9657, -17.7031
Hunter-Lab	44.3563, -16.0600, 11.2723

Details

The XYZ color **15.2982, 19.6748, 14.7957** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5979, 14.9601, 22.7298**, and the grayscale version is **16.9958, 17.8809, 19.4723**.

A 20% lighter version of the original color is **34.8583, 42.7789, 35.2741**, and **4.8289, 6.7858, 4.3041** is the 20% darker color. If you saturate the color by 10%, you get **13.4708, 18.7963, 11.8647**, and if you desaturate by 10%, it is **17.4472, 20.7098, 18.2124**.

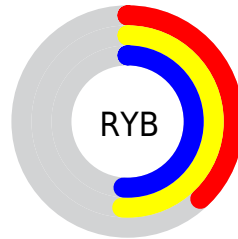
Distribution



Red (38%)

Green (51%)

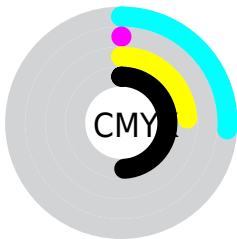
Blue (39%)



Red (38%)

Yellow (51%)

Blue (51%)

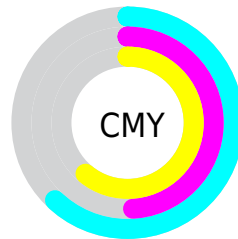


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2982, 19.6748, 14.7957 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 15.2982, 19.6748, 14.7957 by changing the saturation by 10% instead.

■ 15.2982, 19.6748,
14.7957

■ 15.2982, 19.6748,
14.7957

218.5169,
250.1491, 233.7243

■ 9.1166, 12.1589,
8.5311

■ 34.9428, 42.8713,
35.2316

■ 4.8750, 6.8520,
4.3440

■ 49.1366, 59.3206,
50.2400

■ 2.2081, 3.3697,
1.8159

■ 66.7318, 79.5166,
69.0000

■ 0.7470, 1.3277,
0.4384

■ 88.0938, 103.8435,
91.9303

■ 0.0000, 0.1625,
0.0000

113.5880,
132.6859, 119.4493

■ 0.0000, 0.0000,
0.0000

143.5796,

166.4280, 151.9756

178.4341,
205.4543, 189.9278

■ 15.2982, 19.6748,
14.7957

■ 15.2982, 19.6748,
14.7957

■ 13.4708, 18.7963,
11.8647

■ 17.4472, 20.7098,
18.2124

■ 11.9482, 18.0644,
9.3962

■ 19.9306, 21.9058,
22.1342

■ 10.7140, 17.4718,
7.3669

■ 22.7623, 23.2702,
26.5807

■ 9.7502, 17.0097,
5.7512

■ 25.9552, 24.8090,
31.5705

■ 9.0364, 16.6682,
4.5205

■ 29.5213, 26.5283,
37.1208

■ 8.5494, 16.4361,
3.6429

■ 33.4722, 28.4335,
43.2485

■ 8.2537, 16.2958,
3.0809

■ 37.8189, 30.5300,
49.9695

■ 8.1589, 16.2502,
2.9279

■ 42.5719, 32.8230,
57.2992

■ 47.7415, 35.3173,
65.2524

Harmonies

Analogous

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



16.9169, 19.6748, 11.7495



15.2982, 19.6748, 14.7957



14.5958, 19.6748, 20.1885

Triad

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



15.2982, 19.6748, 14.7957



18.2643, 19.6748, 36.8523



23.0746, 19.6748, 16.5651

Complementary

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



15.2982, 19.6748, 14.7957



17.5979, 14.9601, 22.7298

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.



23.5101, 19.6748, 22.7059



15.2982, 19.6748, 14.7957



20.6049, 19.6748, 35.3271

Square

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



15.2982, 19.6748, 14.7957



16.2149, 19.6748, 33.5994



22.5727, 19.6748, 29.7807



21.4276, 19.6748, 12.6131

Rectangle

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



15.2982, 19.6748, 14.7957



14.6960, 19.6748, 24.7559



22.5727, 19.6748, 29.7807



23.3730, 19.6748, 18.4026

Sweetspot

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



15.2987, 19.6756, 14.7961



34.6451, 38.7237, 37.9899



19.3737, 21.7873, 14.4938



7.9229, 8.9467, 8.6190



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.2987, 19.6756, 14.7961



25.4417, 34.2933, 23.3682



16.1816, 20.0288, 19.4453



4.6266, 5.2089, 5.0449



8.0312, 15.9953, 2.8838



0.0285, 0.0557, 0.0136

Inverse Universe

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



17.5979, 14.9601, 22.7298



30.2702, 24.3885, 40.0282



16.5767, 14.5517, 17.3525



4.8464, 4.7582, 5.8034



12.7513, 6.1649, 19.0603



0.0451, 0.0217, 0.0707

Previews

White Background



This preview shows how the XYZ color 15.2982, 19.6748, 14.7957 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 15.2982, 19.6748, 14.7957 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 15.2982, 19.6748, 14.7957

Background



This preview shows how black text looks on a background with the XYZ color 15.2982, 19.6748, 14.7957.



This preview shows how white text looks on a background with the XYZ color 15.2982, 19.6748,

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

15.2982, 19.6748, 14.7957

Protanopia

18.2310, 19.4911, 13.6278

Deuteranopia

19.8612, 19.5789, 15.3027



Tritanopia

17.6137, 19.6423, 26.1556

Trichromacy



Original Color

15.2982, 19.6748, 14.7957

Protanomaly

16.9161, 19.3633, 13.9122

Deuteranomaly

17.8894, 19.4655, 15.1263

Tritanomaly

16.6612, 19.6351, 21.6507

Monochromacy



Original Color

15.2982, 19.6748, 14.7957

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2044, 18.3599, 17.4416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2982, 19.6748, 14.7957 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(97, 131, 99) looks like.

```
.text, #text, p{  
    color:rgb(97, 131, 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(97, 131, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 131, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.2982, 19.6748, 14.7957 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(97, 131, 99) }
```


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

```
.border{ border-color:rgb(97, 131, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 131, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 131, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 131, 99);  
box-shadow:4px 4px 4px 4px rgb(97, 131,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2982, 19.6748, 14.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 131, 99) }
```

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

```
.background{ background-color: rgb(97, 131,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor