

Converting Colors

XYZ(15.1938, 19.4441, 13.7788)

Have a look what the booklet for
XYZ(15.1938, 19.4441, 13.7788)
contains.

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Color

**XYZ(15.1938, 19.4441,
13.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	63825F
RGB	99, 130, 95
RGB Percent	39%, 51%, 37%
CMY	0.6118, 0.4902, 0.6274
CMYK	0.24, 0.00, 0.27, 0.49
HSL	113°, 16%, 44%
HSV	113°, 27%, 51%
XYZ	15.1938, 19.4441, 13.7788
YIQ	116.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

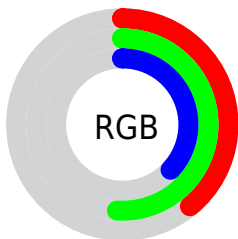
Format	Color
R_{YB}	95, 130, 126
Decimal	6521439
CIE _{Lab}	51.20, -18.31, 15.46
CIE _{LCh}	51, 23.959, 139.827
Yxy	19.4441, 0.3138, 0.4016
Android (android.graphics.Color)	4284711519 (0xFF63825F)
YUV	116.7410, -10.7183, -15.5589
Hunter-Lab	44.0955, -15.6620, 12.3401

Details

The XYZ color **15.1938, 19.4441, 13.7788** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.7264, 14.2323, 22.9856**, and the grayscale version is **16.8625, 17.7407, 19.3196**.

A 20% lighter version of the original color is **34.6995, 42.4263, 33.5544**, and **4.7883, 6.6629, 3.9394** is the 20% darker color. If you saturate the color by 10%, you get **13.4821, 18.6249, 10.8673**, and if you desaturate by 10%, it is **17.1846, 20.3969, 17.2191**.

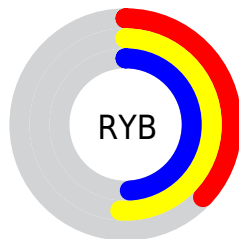
Distribution



Red (39%)

Green (51%)

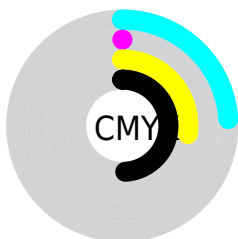
Blue (37%)



Red (37%)

Yellow (51%)

Blue (49%)

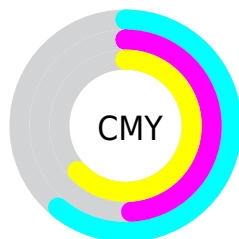


Cyan (24%)

Magenta (0%)

Yellow (27%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1938, 19.4441, 13.7788 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 15.1938, 19.4441, 13.7788 by changing the saturation by 10% instead.

■ 15.1938, 19.4441,
13.7788

■ 15.1938, 19.4441,
13.7788

217.9015,
248.8896, 227.2307

■ 9.0427, 11.9916,
7.8300

■ 34.7617, 42.4832,
33.4075

■ 4.8264, 6.7380,
3.9001

■ 48.9092, 58.8386,
47.9244

■ 2.1795, 3.2988,
1.5707

■ 66.4529, 78.9304,
66.1345

■ 0.7319, 1.2896,
0.2698

■ 87.7581, 103.1430,
88.4563

■ 0.0000, 0.1332,
0.0000

113.1902,
131.8609, 115.3082

■ 0.0000, 0.0000,
0.0000

143.1146,

165.4683, 147.1089

177.8965,
204.3498, 184.2769

■ 15.1938, 19.4441,
13.7788

■ 15.1938, 19.4441,
13.7788

■ 13.4821, 18.6249,
10.8673

■ 17.1846, 20.3969,
17.2191

■ 12.0354, 17.9310,
8.4571

■ 19.4646, 21.4863,
21.2112

■ 10.8410, 17.3569,
6.5203

■ 22.0454, 22.7183,
25.7782

■ 9.8842, 16.8957,
5.0258

■ 24.9373, 24.0978,
30.9418

■ 9.1489, 16.5400,
3.9386

■ 28.1502, 25.6295,
36.7223

■ 8.6170, 16.2812,
3.2187

■ 31.6936, 27.3179,
43.1391

■ 8.2619, 16.1072,
2.7884

■ 35.5766, 29.1671,
50.2109

■ 8.1776, 16.0663,
2.6701

■ 39.8079, 31.1814,
57.9555

■ 44.3960, 33.3647,
66.3900

Harmonies

Analogous

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



16.9689, 19.4441, 11.0638



15.1938, 19.4441, 13.7788



14.3248, 19.4441, 18.9353

Triad

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



15.1938, 19.4441, 13.7788



17.6828, 19.4441, 36.9079



23.1394, 19.4441, 17.0219

Complementary

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



15.1938, 19.4441, 13.7788



16.7264, 14.2323, 22.9856

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.



23.3722, 19.4441, 23.5768



15.1938, 19.4441, 13.7788



20.0805, 19.4441, 36.0855

Square

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



15.1938, 19.4441, 13.7788



15.6777, 19.4441, 32.8757



22.2112, 19.4441, 30.8242



21.6000, 19.4441, 12.6381

Rectangle

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



15.1938, 19.4441, 13.7788



14.3207, 19.4441, 23.4928



22.2112, 19.4441, 30.8242



23.3779, 19.4441, 19.0080

Sweetspot

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



15.1943, 19.4449, 13.7792



33.7436, 37.5826, 36.4139



18.7225, 20.4733, 13.7918



7.5134, 8.4473, 8.0238



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.



15.1943, 19.4449, 13.7792



24.9496, 33.3772, 21.1799



15.4316, 19.4906, 17.2532



4.3182, 4.8405, 4.6268



7.8442, 15.4062, 2.5603



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7264, 14.2323, 22.9856



28.0933, 22.6701, 40.0876



16.4852, 14.2053, 18.5752



4.4513, 4.3883, 5.4257



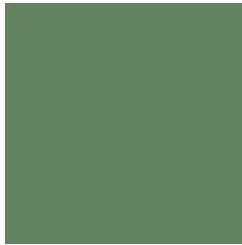
10.6646, 5.0515, 20.6629



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1938, 19.4441, 13.7788 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 15.1938, 19.4441, 13.7788 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 15.1938, 19.4441, 13.7788

Background



This preview shows how black text looks on a background with the XYZ color 15.1938, 19.4441, 13.7788.



This preview shows how white text looks on a background with the XYZ color 15.1938, 19.4441,

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

15.1938, 19.4441, 13.7788

Protanopia

17.9316, 19.1759, 12.6538

Deuteranopia

19.7212, 19.3552, 14.2518



Tritanopia

17.6506, 19.4807, 25.7515

Trichromacy



Original Color

15.1938, 19.4441, 13.7788

Protanomaly

16.7472, 19.1099, 12.9311

Deuteranomaly

17.7214, 19.2178, 14.0846

Tritanomaly

16.5731, 19.4184, 20.6439

Monochromacy



Original Color

15.1938, 19.4441, 13.7788

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.1503, 18.3382, 17.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1938, 19.4441, 13.7788 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(99, 130, 95) looks like.

```
.text, #text, p{  
    color:rgb(99, 130, 95)  
}
```

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(99, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 130, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.1938, 19.4441, 13.7788 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(99, 130, 95) }
```


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

```
.border{ border-color:rgb(99, 130, 95) }
```

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

Here you see how a box with a 4 pixel rgb(99, 130, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(99, 130,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1938, 19.4441, 13.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 130, 95) }
```

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

```
.background{ background-color: rgb(99, 130,  
95) }
```

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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