

Converting Colors

XYZ(15.2755, 14.1494, 19.4490)

Have a look what the booklet for
XYZ(15.2755, 14.1494, 19.4490)
contains.

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Color

**XYZ(15.2628, 14.1071,
19.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	766377
RGB	118, 99, 119
RGB Percent	46%, 39%, 47%
CMY	0.5373, 0.6118, 0.5333
CMYK	0.01, 0.17, 0.00, 0.53
HSL	297°, 9%, 43%
HSV	297°, 17%, 47%
XYZ	15.2628, 14.1071, 19.3713
YIQ	106.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

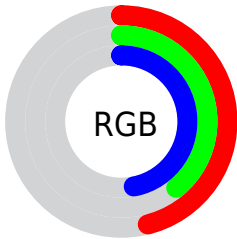
Format	Color
R_{YB}	118, 99, 119
Decimal	7758711
CIE Lab	44.39, 11.49, -8.37
CIE LCh	44, 14.212, 323.912
Yxy	14.1071, 0.3131, 0.2894
Android (android.graphics.Color)	4285948791 (0xFF766377)
YUV	106.9610, 5.9352, 9.6812
Hunter-Lab	37.5594, 6.8070, -4.2873

Details

The XYZ color **15.2628, 14.1071, 19.3713** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1050, 16.8042, 14.3052**, and the grayscale version is **13.9478, 14.6741, 15.9801**.

A 20% lighter version of the original color is **34.8346, 33.2990, 43.1194**, and **4.8196, 4.1761, 6.5133** is the 20% darker color. If you saturate the color by 10%, you get **14.1371, 11.9750, 19.0193**, and if you desaturate by 10%, it is **16.5560, 16.5730, 19.7793**.

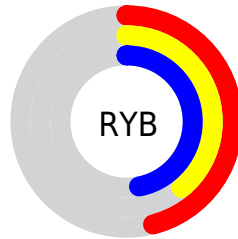
Distribution



Red (46%)

Green (39%)

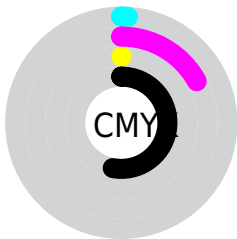
Blue (47%)



Red (46%)

Yellow (39%)

Blue (47%)

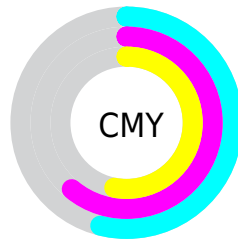


Cyan (1%)

Magenta (17%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2628, 14.1071, 19.3713 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 15.2628, 14.1071, 19.3713 by changing the saturation by 10% instead.

■ 15.2628, 14.1071,
19.3713

■ 15.2628, 14.1071,
19.3713

218.3084,
217.8961, 260.9816

■ 9.0915, 8.1952,
11.7594

■ 34.8814, 33.2789,
43.2056

■ 4.8585, 4.2201,
6.4595

■ 49.0595, 47.3077,
60.2650

■ 2.1984, 1.7974,
3.0532

■ 66.6373, 64.8108,
81.3107

■ 0.7419, 0.4856,
1.1218

■ 87.9801, 86.1727,
106.7612

■ 0.0000, 0.0000,
0.0000

113.4532,
111.7778, 137.0349

143.4221,

142.0104, 172.5506

178.2520,
177.2551, 213.7266

■ 15.2628, 14.1071,
19.3713

■ 15.2628, 14.1071,
19.3713

■ 14.1371, 11.9750,
19.0193

■ 16.5560, 16.5730,
19.7793

■ 13.1703, 10.1604,
18.7200

■ 18.0223, 19.3844,
20.2447

■ 12.3553, 8.6483,
18.4711

■ 19.6685, 22.5549,
20.7699

■ 11.6834, 7.4219,
18.2698

■ 21.5006, 26.0965,
21.3569

■ 11.1455, 6.4627,
18.1130

■ 23.5245, 30.0208,
22.0077

■ 10.7312, 5.7500,
17.9973

■ 25.7457, 34.3391,
22.7242

■ 10.4287, 5.2601,
17.9187

■ 28.1695, 39.0619,
23.5080

■ 10.2121, 4.9411,
17.8685

■ 30.8012, 44.1994,
24.3610

■ 10.1463, 4.8460,
17.8536

■ 33.6455, 49.7616,
25.2847

Harmonies

Analogous

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



14.3185, 14.1071, 21.8581



15.2628, 14.1071, 19.3713



15.7131, 14.1071, 16.0370

Triad

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



15.2628, 14.1071, 19.3713



13.6427, 14.1071, 9.9160



11.4990, 14.1071, 18.0536

Complementary

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



15.2628, 14.1071, 19.3713



14.1050, 16.8042, 14.3052

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.



11.3408, 14.1071, 14.7027



15.2628, 14.1071, 19.3713



12.5376, 14.1071, 10.2976

Square

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



15.2628, 14.1071, 19.3713



14.7442, 14.1071, 10.8170



11.7106, 14.1071, 11.9450



12.1558, 14.1071, 21.0249

Rectangle

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



15.2628, 14.1071, 19.3713



15.6553, 14.1071, 13.8969



11.7106, 14.1071, 11.9450



11.3874, 14.1071, 16.9228

Sweetspot

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



15.2632, 14.1077, 19.3716



30.0655, 30.4781, 35.5513



13.0651, 13.1636, 19.3052



7.0913, 7.1581, 8.4146



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.2632, 14.1077, 19.3716



26.5510, 23.7804, 34.4438



14.9027, 13.9793, 16.7604



3.8094, 3.7491, 4.6131



10.7773, 5.1472, 18.9681



52.2996, 24.9699, 92.4235

Inverse Universe

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



14.3703, 13.7663, 13.9570



24.6519, 23.0552, 22.8880



14.4320, 16.9223, 16.6007



3.6907, 3.7036, 3.8979



8.1163, 4.1802, 0.5549



39.4580, 20.3333, 2.2090

Previews

White Background



This preview shows how the XYZ color 15.2628, 14.1071, 19.3713 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2628, 14.1071, 19.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

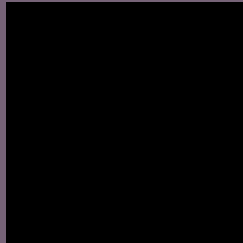
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2628, 14.1071, 19.3713

Background



This preview shows how black text looks on a background with the XYZ color 15.2628, 14.1071, 19.3713.



This preview shows how white text looks on a background with the XYZ color 15.2628, 14.1071,

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

15.2628, 14.1071, 19.3713

Protanopia

13.9427, 14.1306, 20.4050

Deuteranopia

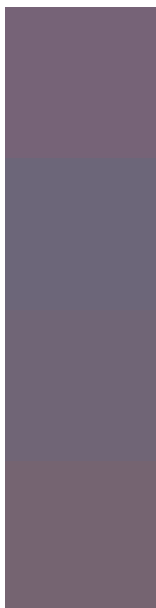
14.3281, 14.0620, 19.0986



Tritanopia

14.7501, 14.1934, 16.4302

Trichromacy



Original Color

15.2628, 14.1071, 19.3713

Protanomaly

14.3869, 14.0714, 20.0469

Deuteranomaly

14.6058, 14.0601, 19.0836

Tritanomaly

14.8739, 14.0885, 17.5582

Monochromacy



Original Color

15.2628, 14.1071, 19.3713

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3751, 14.4278, 17.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2628, 14.1071, 19.3713 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(118, 99, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 99, 119)  
}
```

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(118, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 99, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.2628, 14.1071, 19.3713 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(118, 99, 119) }
```


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

```
.border{ border-color:rgb(118, 99, 119) }
```

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

Here you see how a box with a 4 pixel rgb(118, 99, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 99,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2628, 14.1071, 19.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 99, 119) }
```

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

```
.background{ background-color: rgb(118, 99,  
119) }
```

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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