

Converting Colors

XYZ(15.1908, 14.0157, 18.9574)

Have a look what the booklet for
XYZ(15.1908, 14.0157, 18.9574)
contains.

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Color

**XYZ(15.2031, 14.0832,
19.0566)**

Conversions

Conversions Part 1

Format	Color
Hex	766376
RGB	118, 99, 118
RGB Percent	46%, 39%, 46%
CMY	0.5372, 0.6118, 0.5373
CMYK	0.00, 0.16, 0.00, 0.54
HSL	300°, 9%, 43%
HSV	300°, 16%, 46%
XYZ	15.2031, 14.0832, 19.0566
YIQ	106.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

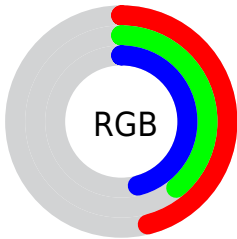
Format	Color
R_{YB}	118, 99, 118
Decimal	7758710
CIE Lab	44.35, 11.28, -7.82
CIE LCh	44, 13.722, 325.270
Yxy	14.0832, 0.3145, 0.2913
Android (android.graphics.Color)	4285948790 (0xFF766376)
YUV	106.8470, 5.4984, 9.7812
Hunter-Lab	37.5276, 6.6403, -3.8383

Details

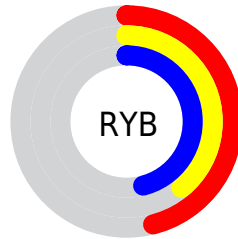
The XYZ color **15.2031, 14.0832, 19.0566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8767, 16.5109, 14.2607**, and the grayscale version is **13.9173, 14.6421, 15.9453**.

A 20% lighter version of the original color is **34.7396, 33.2610, 42.6193**, and **4.8593, 4.2003, 6.3490** is the 20% darker color. If you saturate the color by 10%, you get **14.1660, 12.0089, 18.7110**, and if you desaturate by 10%, it is **16.4044, 16.4855, 19.4573**.

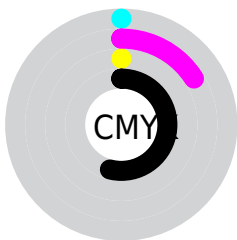
Distribution



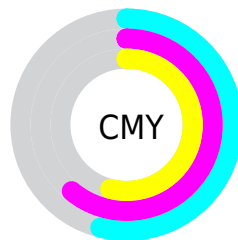
- Red (46%)
- Green (39%)
- Blue (46%)



- Red (46%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2031, 14.0832, 19.0566 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 15.2031, 14.0832, 19.0566 by changing the saturation by 10% instead.

■ 15.2031, 14.0832,
19.0566

■ 15.2031, 14.0832,
19.0566

217.9563,
217.7478, 259.1942

■ 9.0493, 8.1786,
11.5340

■ 34.7778, 33.2366,
42.6677

■ 4.8307, 4.2094,
6.3085

■ 48.9295, 47.2541,
59.5932

■ 2.1820, 1.7914,
2.9618

■ 66.4777, 64.7447,
80.4901

■ 0.7332, 0.4818,
1.0751

■ 87.7880, 86.0928,
105.7769

■ 0.0000, 0.0000,
0.0000

113.2257,
111.6828, 135.8722

143.1560,

141.8990, 171.1945

177.9445,
177.1259, 212.1623

■ 15.2031, 14.0832,
19.0566

■ 15.2031, 14.0832,
19.0566

■ 14.1660, 12.0089,
18.7110

■ 16.4044, 16.4855,
19.4573

■ 13.2849, 10.2465,
18.4171

■ 17.7753, 19.2272,
19.9144

■ 12.5524, 8.7817,
18.1729

■ 19.3224, 22.3215,
20.4302

■ 11.9605, 7.5980,
17.9755

■ 21.0517, 25.7801,
21.0067

■ 11.5002, 6.6773,
17.8220

■ 22.9689, 29.6145,
21.6459

■ 11.1614, 5.9997,
17.7089

■ 25.0794, 33.8354,
22.3495

■ 10.9326, 5.5422,
17.6326

■ 27.3884, 38.4534,
23.1192

■ 10.7912, 5.2595,
17.5853

■ 29.9009, 43.4783,
23.9568

■ 10.7413, 5.1596,
17.5686

■ 32.6217, 48.9199,
24.8639

Harmonies

Analogous

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



14.3104, 14.0832, 21.5005



15.2031, 14.0832, 19.0566



15.6096, 14.0832, 15.8400

Triad

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



15.2031, 14.0832, 19.0566



13.5611, 14.0832, 10.0481



11.5600, 14.0832, 18.0724

Complementary

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



15.2031, 14.0832, 19.0566



13.8767, 16.5109, 14.2607

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.



11.3836, 14.0832, 14.8393



15.2031, 14.0832, 19.0566



12.5016, 14.0832, 10.4764

Square

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



15.2031, 14.0832, 19.0566



14.6291, 14.0832, 10.8693



11.7192, 14.0832, 12.1312



12.2148, 14.0832, 20.8798

Rectangle

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



15.2031, 14.0832, 19.0566



15.5349, 14.0832, 13.7914



11.7192, 14.0832, 12.1312



11.4444, 14.0832, 16.9880

Sweetspot

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



15.2035, 14.0838, 19.0569



29.0656, 29.4301, 34.2856



12.8780, 12.8850, 18.9482



6.6539, 6.7089, 7.8732



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.2035, 14.0838, 19.0569



26.0854, 23.4699, 33.2919



14.6670, 13.8692, 16.2318



3.8266, 3.7579, 4.6139



11.6203, 5.5818, 19.0063



56.6270, 27.2009, 92.6200

Inverse Universe

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



15.2035, 14.0838, 19.0569



26.0854, 23.4699, 33.2919



14.3580, 16.7034, 16.7951



3.8266, 3.7579, 4.6139



11.6203, 5.5818, 19.0063



56.6270, 27.2009, 92.6200

Previews

White Background



This preview shows how the XYZ color 15.2031, 14.0832, 19.0566 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 15.2031, 14.0832, 19.0566 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 15.2031, 14.0832, 19.0566

Background



This preview shows how black text looks on a background with the XYZ color 15.2031, 14.0832, 19.0566.



This preview shows how white text looks on a background with the XYZ color 15.2031, 14.0832,

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

15.2031, 14.0832, 19.0566

Protanopia

13.8810, 14.1059, 20.0803

Deuteranopia

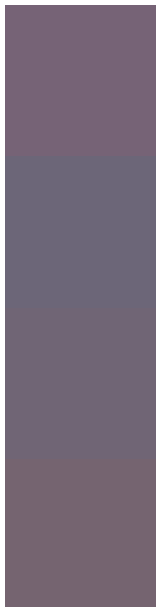
14.2689, 14.0383, 18.7872



Tritanopia

14.7501, 14.1934, 16.4302

Trichromacy



Original Color

15.2031, 14.0832, 19.0566

Protanomaly

14.3259, 14.0470, 19.7256

Deuteranomaly

14.5467, 14.0365, 18.7722

Tritanomaly

14.8179, 14.0661, 17.2633

Monochromacy



Original Color

15.2031, 14.0832, 19.0566

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 15.2031, 14.0832, 19.0566 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, 118)` looks like.

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

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, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 15.2031, 14.0832, 19.0566 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, 118) }
```


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

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

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, 118)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 15.2031, 14.0832, 19.0566 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, 118) }
```

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

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

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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