

Converting Colors

XYZ(14.0365, 15.9124, 19.7557)

Have a look what the booklet for
XYZ(14.0365, 15.9124, 19.7557)
contains.

XYZ(14.0766, 15.9731, 19.7940)	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(14.0766, 15.9731,
19.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7377
RGB	94, 115, 119
RGB Percent	37%, 45%, 47%
CMY	0.6314, 0.5490, 0.5333
CMYK	0.21, 0.03, 0.00, 0.53
HSL	190°, 12%, 42%
HSV	190°, 21%, 47%
XYZ	14.0766, 15.9731, 19.7940
YIQ	109.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

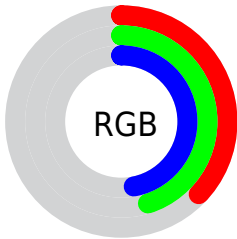
Format	Color
R_{YB}	94, 105, 119
Decimal	6189943
CIE _{Lab}	46.94, -6.75, -4.78
CIE _{LCh}	47, 8.273, 215.313
Yxy	15.9731, 0.2824, 0.3205
Android (android.graphics.Color)	4284380023 (0xFF5E7377)
YUV	109.1770, 4.8427, -13.3102
Hunter-Lab	39.9664, -7.0714, -1.3879

Details

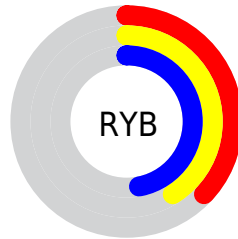
The XYZ color **14.0766, 15.9731, 19.7940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9959, 13.4654, 12.4513**, and the grayscale version is **14.5759, 15.3350, 16.6998**.

A 20% lighter version of the original color is **32.8465, 36.5974, 43.8609**, and **4.3168, 5.0736, 6.7130** is the 20% darker color. If you saturate the color by 10%, you get **12.7345, 14.9628, 19.6700**, and if you desaturate by 10%, it is **15.6123, 17.0907, 19.9290**.

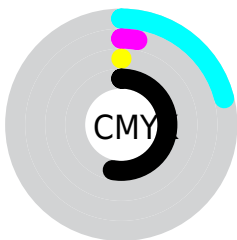
Distribution



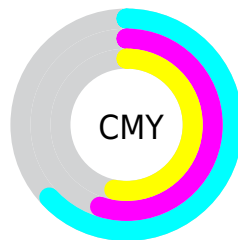
- Red (37%)
- Green (45%)
- Blue (47%)



- Red (37%)
- Yellow (41%)
- Blue (47%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0766, 15.9731, 19.7940 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 14.0766, 15.9731, 19.7940 by changing the saturation by 10% instead.

■ 14.0766, 15.9731,
19.7940

■ 14.0766, 15.9731,
19.7940

211.2079,
229.1829, 263.3650

■ 8.2560, 9.5051,
12.0628

■ 32.8100, 36.5515,
43.9260

■ 4.3124, 5.0721,
6.6634

■ 46.4536, 51.4307,
61.1638

■ 1.8803, 2.2896,
3.1773

■ 63.4355, 69.8824,
82.4076

■ 0.5654, 0.7682,
1.1858

■ 84.1211, 92.2911,
108.0759

■ 0.0000, 0.0000,
0.0000

108.8758,
119.0411, 138.5873

138.0649,

150.5168, 174.3602

172.0539,
187.1026, 215.8133

■ 14.0766, 15.9731,
19.7940

■ 14.0766, 15.9731,
19.7940

■ 12.7345, 14.9628,
19.6700

■ 15.6123, 17.0907,
19.9290

■ 11.5760, 14.0533,
19.5555

■ 17.3482, 18.3178,
20.0744

■ 10.5923, 13.2405,
19.4505

■ 19.2924, 19.6591,
20.2308

■ 9.7731, 12.5190,
19.3544

■ 21.4522, 21.1182,
20.3986

■ 9.1074, 11.8832,
19.2667

■ 23.8344, 22.6988,
20.5782

■ 8.5826, 11.3264,
19.1869

■ 26.4454, 24.4042,
20.7697

■ 8.1839, 10.8411,
19.1143

■ 29.2917, 26.2378,
20.9736

■ 7.8840, 10.4404,
19.0527

■ 32.3792, 28.2026,
21.1901

■ 35.7137, 30.3017,
21.4196

Harmonies

Analogous

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



13.8406, 15.9731, 17.7629



14.0766, 15.9731, 19.7940



14.6092, 15.9731, 21.2621

Triad

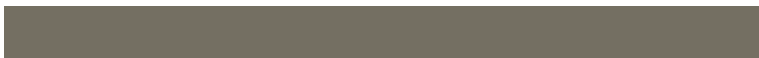
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.0766, 15.9731, 19.7940



16.4792, 15.9731, 19.1067



15.0537, 15.9731, 13.7245

Complementary

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



14.0766, 15.9731, 19.7940



13.9959, 13.4654, 12.4513

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.



15.7694, 15.9731, 14.0225



14.0766, 15.9731, 19.7940



16.6073, 15.9731, 17.0263

Square

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



14.0766, 15.9731, 19.7940



15.9990, 15.9731, 20.8438



16.3437, 15.9731, 15.1926



14.3932, 15.9731, 14.3440

Rectangle

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



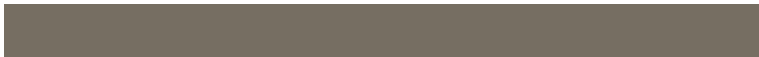
14.0766, 15.9731, 19.7940



15.0687, 15.9731, 21.6651



16.3437, 15.9731, 15.1926



15.2957, 15.9731, 13.7213

Sweetspot

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



14.0771, 15.9738, 19.7944



29.4205, 31.6461, 35.8108



13.4060, 16.4508, 13.9625



6.9362, 7.4742, 8.4838



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.



14.0771, 15.9738, 19.7944



24.0534, 27.7434, 35.3403



12.7715, 13.3627, 19.3592



3.7359, 4.0604, 4.6771



8.3705, 11.0807, 20.2402



40.2698, 52.9563, 98.4594

Inverse Universe

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



14.7053, 13.1655, 17.9866



25.3967, 21.8477, 31.4509



15.2314, 15.9363, 12.8631



3.8027, 3.7484, 4.4878



10.5222, 5.1426, 13.2239



51.0131, 24.9554, 63.0576

Previews

White Background



This preview shows how the XYZ color 14.0766, 15.9731, 19.7940 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 14.0766, 15.9731, 19.7940 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

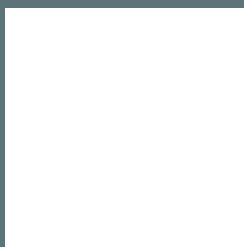
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0766, 15.9731, 19.7940

Background



This preview shows how black text looks on a background with the XYZ color 14.0766, 15.9731, 19.7940.



This preview shows how white text looks on a background with the XYZ color 14.0766, 15.9731,

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

14.0766, 15.9731, 19.7940

Protanopia

15.2839, 15.7923, 18.7657

Deuteranopia

16.0888, 15.8631, 19.9832



Tritanopia

14.3118, 15.8976, 21.0531

Trichromacy



Original Color

14.0766, 15.9731, 19.7940

Protanomaly

14.8308, 15.8760, 19.1123

Deuteranomaly

15.3813, 15.9762, 20.0423

Tritanomaly

14.2495, 15.8727, 20.7251

Monochromacy



Original Color

14.0766, 15.9731, 19.7940

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3740, 15.5042, 17.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0766, 15.9731, 19.7940 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(94, 115, 119) looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 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(94, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0766, 15.9731, 19.7940 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(94, 115, 119) }
```


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

```
.border{ border-color:rgb(94, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0766, 15.9731, 19.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 119) }
```

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

```
.background{ background-color: rgb(94, 115,  
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](#).

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