

Converting Colors

XYZ(14.9019, 14.6539, 19.7531)

Have a look what the booklet for
XYZ(14.9019, 14.6539, 19.7531)
contains.

XYZ(14.8960, 14.6362, 19.8093)	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(14.8960, 14.6362,
19.8093)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6878
RGB	111, 104, 120
RGB Percent	44%, 41%, 47%
CMY	0.5647, 0.5921, 0.5294
CMYK	0.08, 0.13, 0.00, 0.53
HSL	266°, 7%, 44%
HSV	266°, 13%, 47%
XYZ	14.8960, 14.6362, 19.8093
YIQ	107.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

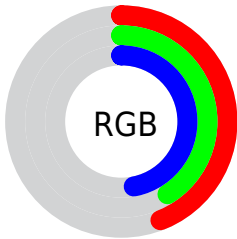
Format	Color
R_{YB}	111, 104, 120
Decimal	7301240
CIE Lab	45.13, 6.08, -7.93
CIE LCh	45, 9.988, 307.470
Yxy	14.6362, 0.3019, 0.2966
Android (android.graphics.Color)	4285491320 (0xFF6F6878)
YUV	107.9170, 5.9569, 2.7038
Hunter-Lab	38.2573, 2.5512, -3.9198

Details

The XYZ color **14.8960, 14.6362, 19.8093** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0258, 17.9436, 15.7162**, and the grayscale version is **14.2150, 14.9553, 16.2863**.

A 20% lighter version of the original color is **34.2720, 34.2078, 43.8262**, and **4.6827, 4.4509, 6.7432** is the 20% darker color. If you saturate the color by 10%, you get **12.9555, 11.9689, 19.3970**, and if you desaturate by 10%, it is **17.0735, 17.6817, 20.2826**.

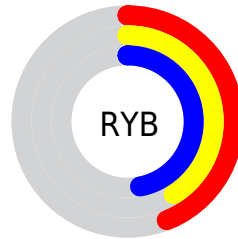
Distribution



Red (44%)

Green (41%)

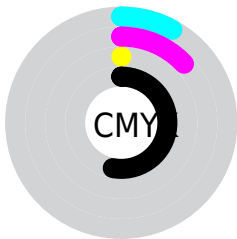
Blue (47%)



Red (44%)

Yellow (41%)

Blue (47%)

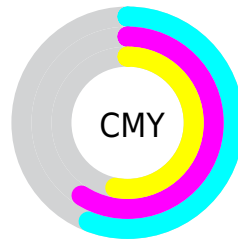


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8960, 14.6362, 19.8093 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 14.8960, 14.6362, 19.8093 by changing the saturation by 10% instead.

■ 14.8960, 14.6362,
19.8093

■ 14.8960, 14.6362,
19.8093

216.1368,
221.1535, 263.4509

■ 8.8323, 8.5645,
12.0738

■ 34.2438, 34.2137,
43.9520

■ 4.6882, 4.4582,
6.6708

■ 48.2586, 48.4882,
61.1963

■ 2.0983, 1.9330,
3.1818

■ 65.6544, 66.2658,
82.4472

■ 0.6883, 0.5681,
1.1882

■ 86.7966, 87.9309,
108.1234

■ 0.0000, 0.0000,
0.0000

112.0506,
113.8678, 138.6433

141.7817,

144.4609, 174.4254

176.3553,
180.0947, 215.8885

■ 14.8960, 14.6362,
19.8093

■ 14.8960, 14.6362,
19.8093

■ 12.9555, 11.9689,
19.3970

■ 17.0735, 17.6817,
20.2826

■ 11.2421, 9.6627,
19.0421

■ 19.4948, 21.1178,
20.8182

■ 9.7471, 7.7020,
18.7425

■ 22.1681, 24.9587,
21.4187

■ 8.4604, 6.0693,
18.4951

■ 25.1009, 29.2172,
22.0861

■ 7.3714, 4.7457,
18.2970

■ 28.3002, 33.9057,
22.8224

■ 6.4684, 3.7098,
18.1447

■ 31.7729, 39.0359,
23.6296

■ 5.7381, 2.9379,
18.0342

■ 35.5254, 44.6192,
24.5095

■ 5.1640, 2.3994,
17.9605

■ 39.5641, 50.6664,
25.4639

■ 4.8318, 2.0993,
17.9201

■ 43.8950, 57.1882,
26.4945

Harmonies

Analogous

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



14.1180, 14.6362, 20.8637



14.8960, 14.6362, 19.8093



15.4242, 14.6362, 17.7361

Triad

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



14.8960, 14.6362, 19.8093



14.5263, 14.6362, 12.1072



12.4010, 14.6362, 16.5326

Complementary

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



14.8960, 14.6362, 19.8093



16.0258, 17.9436, 15.7162

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.



12.5006, 14.6362, 14.2627



14.8960, 14.6362, 19.8093



13.7066, 14.6362, 11.8531

Square

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



14.8960, 14.6362, 19.8093



15.2050, 14.6362, 13.3360



12.9709, 14.6362, 12.6042



12.6931, 14.6362, 18.8544

Rectangle

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



14.8960, 14.6362, 19.8093



15.5523, 14.6362, 16.1371



12.9709, 14.6362, 12.6042



12.3900, 14.6362, 15.7372

Sweetspot

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



14.8964, 14.6368, 19.8096



29.7203, 30.6641, 35.6054



15.0122, 16.1248, 20.0907



6.9824, 7.1812, 8.4248



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.



14.8964, 14.6368, 19.8096



25.1117, 24.2380, 34.6079



15.9395, 15.1746, 19.8584



3.9485, 3.9713, 5.0016



5.2553, 2.2819, 19.5488



24.1259, 10.3993, 93.2055

Inverse Universe

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



15.6772, 15.0866, 17.7094



26.7793, 25.1990, 30.1047



15.0492, 17.4401, 15.6705



4.0839, 4.0493, 4.6394



9.5649, 4.8021, 6.2659



45.1922, 22.7332, 27.6060

Previews

White Background



This preview shows how the XYZ color 14.8960, 14.6362, 19.8093 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 14.8960, 14.6362, 19.8093 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 14.8960, 14.6362, 19.8093

Background



This preview shows how black text looks on a background with the XYZ color 14.8960, 14.6362, 19.8093.



This preview shows how white text looks on a background with the XYZ color 14.8960, 14.6362,

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

14.8960, 14.6362, 19.8093

Protanopia

14.3141, 14.6316, 20.1589

Deuteranopia

14.8960, 14.6362, 19.8093



Tritanopia

14.4626, 14.6104, 17.6806

Trichromacy



Original Color

14.8960, 14.6362, 19.8093

Protanomaly

14.5662, 14.6094, 20.1413

Deuteranomaly

14.8960, 14.6362, 19.8093

Tritanomaly

14.6344, 14.6791, 18.5850

Monochromacy



Original Color

14.8960, 14.6362, 19.8093

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4890, 14.9365, 17.4486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8960, 14.6362, 19.8093 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(111, 104, 120)` looks like.

```
.text, #text, p{  
    color:rgb(111, 104, 120)  
}
```

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(111, 104, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 104, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.8960, 14.6362, 19.8093 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(111, 104, 120) }
```


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

```
.border{ border-color:rgb(111, 104, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 104, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 104, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 104, 120);  
box-shadow:4px 4px 4px 4px rgb(111, 104,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8960, 14.6362, 19.8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 104, 120) }
```

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

```
.background{ background-color: rgb(111,  
104, 120) }
```

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