

Converting Colors

XYZ(14.6476, 16.1651, 19.8002)

Have a look what the booklet for
XYZ(14.6476, 16.1651, 19.8002)
contains.

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Color

**XYZ(14.6026, 16.0759,
19.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	647277
RGB	100, 114, 119
RGB Percent	39%, 45%, 47%
CMY	0.6078, 0.5529, 0.5333
CMYK	0.16, 0.04, 0.00, 0.53
HSL	196°, 9%, 43%
HSV	196°, 16%, 47%
XYZ	14.6026, 16.0759, 19.7861
YIQ	110.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

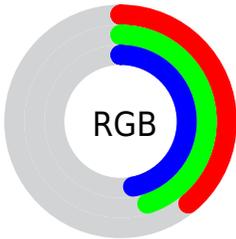
Format	Color
R_{YB}	100, 108, 119
Decimal	6582903
CIE _{Lab}	47.07, -4.08, -4.53
CIE _{LCh}	47, 6.097, 228.045
Yxy	16.0759, 0.2894, 0.3186
Android (android.graphics.Color)	4284772983 (0xFF647277)
YUV	110.3840, 4.2477, -9.1068
Hunter-Lab	40.0948, -5.1557, -1.1923

Details

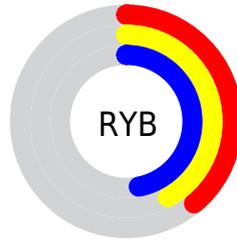
The XYZ color **14.6026, 16.0759, 19.7861** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9596, 14.9450, 14.1530**, and the grayscale version is **14.9220, 15.6991, 17.0963**.

A 20% lighter version of the original color is **33.7494, 36.7920, 43.8509**, and **4.5537, 5.1082, 6.7072** is the 20% darker color. If you saturate the color by 10%, you get **13.0344, 14.7526, 19.6136**, and if you desaturate by 10%, it is **16.3761, 17.5238, 19.9724**.

Distribution



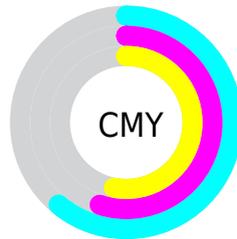
- Red (39%)
- Green (45%)
- Blue (47%)



- Red (39%)
- Yellow (42%)
- Blue (47%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



- Cyan (61%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6026, 16.0759, 19.7861 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 14.6026, 16.0759, 19.7861 by changing the saturation by 10% instead.

■ 14.6026, 16.0759,
19.7861

■ 14.6026, 16.0759,
19.7861

214.3845,
229.7892, 263.3206

■ 8.6255, 9.5779,
12.0571

■ 33.7319, 36.7299,
43.9125

■ 4.5528, 5.1200,
6.6596

■ 47.6148, 51.6547,
61.1470

■ 2.0194, 2.3178,
3.1749

■ 64.8636, 70.1572,
82.3872

■ 0.6448, 0.7831,
1.1846

■ 85.8437, 92.6218,
108.0514

■ 0.0000, 0.0000,
0.0000

110.9206,
119.4329, 138.5583

140.4594,

150.9749, 174.3265

174.8256,
187.6322, 215.7744

■ 14.6026, 16.0759,
19.7861

■ 14.6026, 16.0759,
19.7861

■ 13.0344, 14.7526,
19.6136

■ 16.3761, 17.5238,
19.9724

■ 11.6617, 13.5475,
19.4533

■ 18.3615, 19.0986,
20.1717

■ 10.4759, 12.4563,
19.3052

■ 20.5666, 20.8050,
20.3848

■ 9.4673, 11.4738,
19.1687

■ 22.9986, 22.6468,
20.6122

■ 8.6251, 10.5944,
19.0434

■ 25.6643, 24.6277,
20.8540

■ 7.9374, 9.8116,
18.9285

■ 28.5701, 26.7512,
21.1107

■ 7.3907, 9.1183,
18.8235

■ 31.7222, 29.0207,
21.3826

■ 6.9590, 8.5010,
18.7271

■ 35.1268, 31.4393,
21.6700

■ 6.7948, 8.2618,
18.6896

■ 38.7895, 34.0103,
21.9733

Harmonies

Analogous

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



14.3229, 16.0759, 18.4319



14.6026, 16.0759, 19.7861



15.0677, 16.0759, 20.5453

Triad

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



14.6026, 16.0759, 19.7861



16.3077, 16.0759, 18.1209



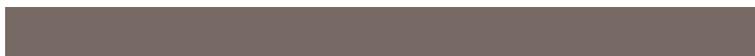
14.9634, 16.0759, 14.8510

Complementary

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



14.6026, 16.0759, 19.7861



14.9596, 14.9450, 14.1530

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.



15.4936, 16.0759, 14.7786



14.6026, 16.0759, 19.7861



16.2782, 16.0759, 16.6076

Square

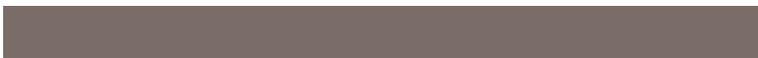
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.6026, 16.0759, 19.7861



16.0570, 16.0759, 19.5470



15.9773, 16.0759, 15.4043



14.5278, 16.0759, 15.6084

Rectangle

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



14.6026, 16.0759, 19.7861



15.4240, 16.0759, 20.5841



15.9773, 16.0759, 15.4043



15.1362, 16.0759, 14.7474

Sweetspot

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



14.6031, 16.0766, 19.7865



29.6083, 31.6076, 35.7934



14.3895, 16.9180, 15.8046



6.9712, 7.4540, 8.4780



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.



14.6031, 16.0766, 19.7865



25.1210, 27.9298, 35.3201



13.6117, 14.0937, 19.4560



3.7057, 4.0001, 4.6670



7.2110, 8.7616, 19.8537



34.4141, 41.2447, 96.5075

Inverse Universe

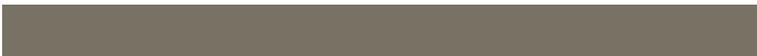
The Inverse Universe completely reimagines the original color for something new.



15.2025, 14.2515, 17.8700



26.4112, 24.0747, 31.1788



15.9538, 16.9334, 14.4844



3.7875, 3.7423, 4.4076



9.9369, 4.9085, 10.1418



48.0574, 23.7731, 47.4930

Previews

White Background



This preview shows how the XYZ color 14.6026, 16.0759, 19.7861 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 14.6026, 16.0759, 19.7861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

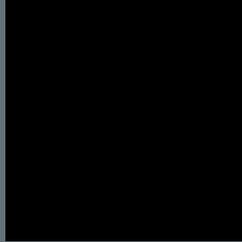
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6026, 16.0759, 19.7861

Background



This preview shows how black text looks on a background with the XYZ color 14.6026, 16.0759, 19.7861.



This preview shows how white text looks on a background with the XYZ color 14.6026, 16.0759,

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

14.6026, 16.0759, 19.7861

Protanopia

15.5774, 16.0980, 19.1158

Deuteranopia

16.2239, 15.9327, 19.9895



Tritanopia

14.7848, 15.9821, 20.7180

Trichromacy



Original Color

14.6026, 16.0759, 19.7861

Protanomaly

15.2485, 16.0845, 19.4405

Deuteranomaly

15.5216, 15.8874, 20.0178

Tritanomaly

14.7231, 15.9574, 20.3933

Monochromacy



Original Color

14.6026, 16.0759, 19.7861

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6089, 15.6253, 17.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6026, 16.0759, 19.7861 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(100, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(100, 114, 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(100, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 114, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.6026, 16.0759, 19.7861 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(100, 114, 119) }
```


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

```
.border{ border-color:rgb(100, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 114, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 114, 119); box-shadow:4px 4px 4px 4px rgb(100, 114, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6026, 16.0759, 19.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 114, 119) }
```

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

```
.background{ background-color: rgb(100,  
114, 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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