

Converting Colors

XYZ(14.9928, 17.1583, 18.2919)

Have a look what the booklet for
XYZ(14.9928, 17.1583, 18.2919)
contains.

XYZ(14.9443, 17.1526, 18.1459)	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(14.9443, 17.1526,
18.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	657771
RGB	101, 119, 113
RGB Percent	40%, 47%, 44%
CMY	0.6039, 0.5333, 0.5569
CMYK	0.15, 0.00, 0.05, 0.53
HSL	160°, 8%, 43%
HSV	160°, 15%, 47%
XYZ	14.9443, 17.1526, 18.1459
YIQ	112.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

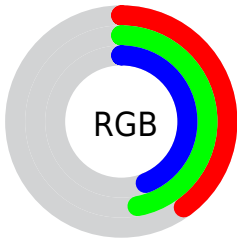
Format	Color
R_{YB}	101, 112, 119
Decimal	6649713
CIE Lab	48.45, -7.94, 1.06
CIE LCh	48, 8.013, 172.384
Yxy	17.1526, 0.2974, 0.3414
Android (android.graphics.Color)	4284839793 (0xFF657771)
YUV	112.9340, 0.0325, -10.4661
Hunter-Lab	41.4157, -8.0681, 3.0136

Details

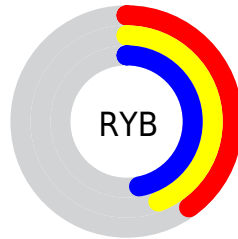
The XYZ color **14.9443, 17.1526, 18.1459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9159, 14.2913, 15.8831**, and the grayscale version is **15.6786, 16.4951, 17.9632**.

A 20% lighter version of the original color is **34.3033, 38.5178, 41.2240**, and **4.7287, 5.6724, 5.8467** is the 20% darker color. If you saturate the color by 10%, you get **13.4888, 16.4280, 16.9374**, and if you desaturate by 10%, it is **16.6035, 17.9821, 19.4157**.

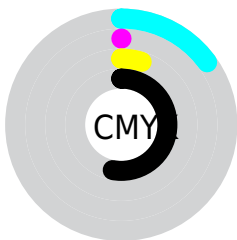
Distribution



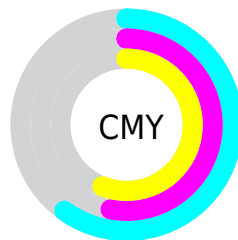
- Red (40%)
- Green (47%)
- Blue (44%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9443, 17.1526, 18.1459 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 14.9443, 17.1526, 18.1459 by changing the saturation by 10% instead.

■ 14.9443, 17.1526,
18.1459

■ 14.9443, 17.1526,
18.1459

216.4239,
236.0502, 253.9558

■ 8.8664, 10.3434,
10.8843

■ 34.3279, 38.5880,
41.1031

■ 4.7105, 5.6272,
5.8759

■ 48.3643, 53.9829,
57.6357

■ 2.1114, 2.6197,
2.7022

■ 65.7842, 73.0084,
78.0957

■ 0.6954, 0.9366,
0.9445

■ 86.9529, 96.0491,
102.9017

■ 0.0000, 0.0000,
0.0000

112.2359,
123.4892, 132.4721

141.9985,

155.7132, 167.2256

176.6061,
193.1054, 207.5806

■ 14.9443, 17.1526,
18.1459

■ 14.9443, 17.1526,
18.1459

■ 13.4888, 16.4280,
16.9374

■ 16.6035, 17.9821,
19.4157

■ 12.2271, 15.8017,
15.7879

■ 18.4729, 18.9182,
20.7466

■ 11.1508, 15.2699,
14.6968

■ 20.5604, 19.9657,
22.1399

■ 10.2502, 14.8276,
13.6629

■ 22.8730, 21.1280,
23.5966

■ 9.5147, 14.4692,
12.6851

■ 25.4175, 22.4088,
25.1177

■ 8.9323, 14.1889,
11.7622

■ 28.2004, 23.8112,
26.7039

■ 8.4898, 13.9795,
10.8927

■ 31.2279, 25.3385,
28.3562

■ 8.1647, 13.8297,
10.0749

■ 34.5059, 26.9937,
30.0754

■ 8.0203, 13.7636,
9.6935

■ 38.0403, 28.7798,
31.8624

Harmonies

Analogous

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



15.2109, 17.1526, 16.3171



14.9443, 17.1526, 18.1459



15.0330, 17.1526, 20.2575

Triad

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



14.9443, 17.1526, 18.1459



16.8462, 17.1526, 22.6668



17.1794, 17.1526, 15.6552

Complementary

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



14.9443, 17.1526, 18.1459



14.9159, 14.2913, 15.8831

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.



17.6426, 17.1526, 17.1795



14.9443, 17.1526, 18.1459



17.4463, 17.1526, 21.2525

Square

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



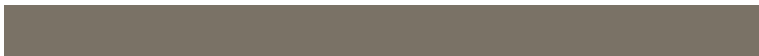
14.9443, 17.1526, 18.1459



16.1168, 17.1526, 22.9740



17.7417, 17.1526, 19.2169



16.4907, 17.1526, 14.9510

Rectangle

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



14.9443, 17.1526, 18.1459



15.2830, 17.1526, 21.5344



17.7417, 17.1526, 19.2169



17.3674, 17.1526, 16.0829

Sweetspot

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



14.9448, 17.1533, 18.1463



29.7309, 32.1994, 34.7665



15.0459, 17.2784, 14.8543



7.0035, 7.6097, 8.2079



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.



14.9448, 17.1533, 18.1463



25.8528, 30.2627, 31.7606



14.9772, 16.6594, 19.8798



3.7339, 4.1355, 4.4325



8.5162, 14.6205, 10.2745



41.0910, 71.0837, 47.9117

Inverse Universe

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



14.9159, 14.2913, 15.8831



25.7913, 24.1474, 26.9256



14.8774, 14.7024, 14.3659



3.7297, 3.7191, 4.1032



8.4797, 4.3256, 2.4684



40.9622, 20.9350, 10.1301

Previews

White Background



This preview shows how the XYZ color 14.9443, 17.1526, 18.1459 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 14.9443, 17.1526, 18.1459 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 14.9443, 17.1526, 18.1459

Background



This preview shows how black text looks on a background with the XYZ color 14.9443, 17.1526, 18.1459.



This preview shows how white text looks on a background with the XYZ color 14.9443, 17.1526,

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

14.9443, 17.1526, 18.1459

Protanopia

16.3030, 17.0120, 17.1762

Deuteranopia

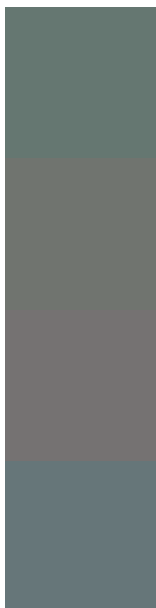
17.3831, 17.0423, 18.5930



Tritanopia

15.7207, 17.1125, 22.2131

Trichromacy



Original Color

14.9443, 17.1526, 18.1459

Protanomaly

15.7967, 17.0832, 17.5037

Deuteranomaly

16.3907, 17.0314, 18.3431

Tritanomaly

15.4091, 17.1621, 20.5896

Monochromacy



Original Color

14.9443, 17.1526, 18.1459

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4180, 16.7049, 18.0345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9443, 17.1526, 18.1459 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(101, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(101, 119, 113)  
}
```

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(101, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.9443, 17.1526, 18.1459 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(101, 119, 113) }
```


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

```
.border{ border-color:rgb(101, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(101, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9443, 17.1526, 18.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 119, 113) }
```

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

```
.background{ background-color: rgb(101,  
119, 113) }
```

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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