

Converting Colors

XYZ(14.6032, 17.1330, 19.1370)

Have a look what the booklet for
XYZ(14.6032, 17.1330, 19.1370)
contains.

XYZ(14.5882, 17.1268, 19.0599)	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(14.5882, 17.1268,
19.0599)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7874
RGB	95, 120, 116
RGB Percent	37%, 47%, 45%
CMY	0.6274, 0.5294, 0.5451
CMYK	0.21, 0.00, 0.03, 0.53
HSL	170°, 12%, 42%
HSV	170°, 21%, 47%
XYZ	14.5882, 17.1268, 19.0599
YIQ	112.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

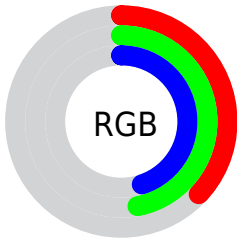
Format	Color
R _Y B	95, 109, 120
Decimal	6256756
CIE Lab	48.42, -9.96, -0.81
CIE LCh	48, 9.997, 184.656
Yxy	17.1268, 0.2873, 0.3373
Android (android.graphics.Color)	4284446836 (0xFF5F7874)
YUV	112.0690, 1.9380, -14.9695
Hunter-Lab	41.3845, -9.5010, 1.6628

Details

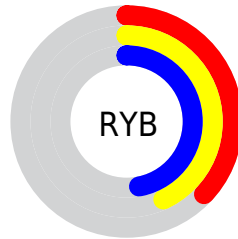
The XYZ color **14.5882, 17.1268, 19.0599** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0907, 13.0789, 13.5870**, and the grayscale version is **15.4191, 16.2221, 17.6659**.

A 20% lighter version of the original color is **33.6745, 38.4432, 42.6912**, and **4.5156, 5.5522, 6.3025** is the 20% darker color. If you saturate the color by 10%, you get **13.3260, 16.4893, 18.4239**, and if you desaturate by 10%, it is **16.0458, 17.8656, 19.7178**.

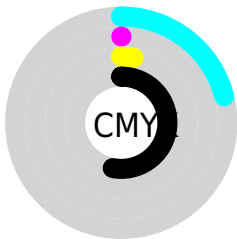
Distribution



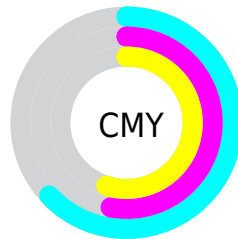
- Red (37%)
- Green (47%)
- Blue (45%)



- Red (37%)
- Yellow (43%)
- Blue (47%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5882, 17.1268, 19.0599 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 14.5882, 17.1268, 19.0599 by changing the saturation by 10% instead.

■ 14.5882, 17.1268,
19.0599

■ 14.5882, 17.1268,
19.0599

214.2981,
235.9020, 259.2130

■ 8.6153, 10.3249,
11.5363

■ 33.7067, 38.5437,
42.6733

■ 4.5462, 5.6149,
6.3101

■ 47.5831, 53.9274,
59.6003

■ 2.0156, 2.6124,
2.9627

■ 64.8247, 72.9407,
80.4987

■ 0.6427, 0.9329,
1.0756

■ 85.7968, 95.9677,
105.7873

■ 0.0000, 0.0000,
0.0000

110.8649,
123.3930, 135.8844

140.3942,

155.6009, 171.2087

174.7502,
192.9757, 212.1787

■ 14.5882, 17.1268,
19.0599

■ 14.5882, 17.1268,
19.0599

■ 13.3260, 16.4893,
18.4239

■ 16.0458, 17.8656,
19.7178

■ 12.2489, 15.9466,
17.8082

■ 17.7054, 18.7079,
20.3970

■ 11.3479, 15.4944,
17.2126

■ 19.5754, 19.6583,
21.0982

■ 10.6128, 15.1274,
16.6367

■ 21.6630, 20.7207,
21.8219

■ 10.0321, 14.8398,
16.0798

■ 23.9753, 21.8986,
22.5684

■ 9.5931, 14.6249,
15.5411

■ 26.5189, 23.1954,
23.3382

■ 9.2807, 14.4751,
15.0201

■ 29.3001, 24.6145,
24.1316

■ 9.0557, 14.3691,
14.5555

■ 32.3252, 26.1591,
24.9489

■ 35.6000, 27.8320,
25.7905

Harmonies

Analogous

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



14.7406, 17.1268, 16.5747



14.5882, 17.1268, 19.0599



14.8746, 17.1268, 21.6606

Triad

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



14.5882, 17.1268, 19.0599



17.2989, 17.1268, 23.1045



17.0428, 17.1268, 14.4575

Complementary

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



14.5882, 17.1268, 19.0599



14.0907, 13.0789, 13.5870

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.



17.7681, 17.1268, 15.9288



14.5882, 17.1268, 19.0599



17.9198, 17.1268, 20.8877

Square

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



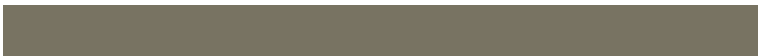
14.5882, 17.1268, 19.0599



16.4216, 17.1268, 24.1308



18.0946, 17.1268, 18.2424



16.1362, 17.1268, 14.0661

Rectangle

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



14.5882, 17.1268, 19.0599



15.2824, 17.1268, 23.0645



18.0946, 17.1268, 18.2424



17.3170, 17.1268, 14.8350

Sweetspot

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



14.5887, 17.1275, 19.0603



29.5432, 32.0920, 35.2337



13.9464, 16.9219, 13.3581



6.9676, 7.5883, 8.3361



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.



14.5887, 17.1275, 19.0603



24.5548, 29.5651, 32.9827



13.8675, 15.3045, 19.9933



4.0808, 4.5019, 4.9595



9.8745, 15.6735, 15.8560



46.8409, 74.6594, 74.2573

Inverse Universe

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



14.0907, 13.0789, 13.5870



23.5135, 21.0944, 21.5341



14.6954, 14.5868, 12.8679



4.0221, 4.0245, 4.3139



8.5764, 4.4067, 1.0604



40.6980, 20.9356, 3.9400

Previews

White Background



This preview shows how the XYZ color 14.5882, 17.1268, 19.0599 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 14.5882, 17.1268, 19.0599 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 14.5882, 17.1268, 19.0599

Background



This preview shows how black text looks on a background with the XYZ color 14.5882, 17.1268, 19.0599.



This preview shows how white text looks on a background with the XYZ color 14.5882, 17.1268,

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

14.5882, 17.1268, 19.0599

Protanopia

16.3341, 17.0088, 18.0449

Deuteranopia

17.2666, 16.9620, 19.5035



Tritanopia

15.3045, 17.0568, 22.9077

Trichromacy



Original Color

14.5882, 17.1268, 19.0599

Protanomaly

15.5893, 16.9569, 18.3710

Deuteranomaly

16.0383, 16.8297, 19.2328

Tritanomaly

15.0588, 17.1357, 21.5826

Monochromacy



Original Color

14.5882, 17.1268, 19.0599

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0552, 16.5179, 18.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5882, 17.1268, 19.0599 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(95, 120, 116) looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 116)  
}
```

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(95, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.5882, 17.1268, 19.0599 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(95, 120, 116) }
```


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

```
.border{ border-color:rgb(95, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5882, 17.1268, 19.0599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 116) }
```

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

```
.background{ background-color: rgb(95, 120,  
116) }
```

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