

Converting Colors

XYZ(14.8087, 14.8918, 19.4994)

Have a look what the booklet for
XYZ(14.8087, 14.8918, 19.4994)
contains.

XYZ(14.7905, 14.8912, 19.5475)	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(14.7905, 14.8912,
19.5475)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6A77
RGB	109, 106, 119
RGB Percent	43%, 42%, 47%
CMY	0.5725, 0.5843, 0.5333
CMYK	0.08, 0.11, 0.00, 0.53
HSL	254°, 6%, 44%
HSV	254°, 11%, 47%
XYZ	14.7905, 14.8912, 19.5475
YIQ	108.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

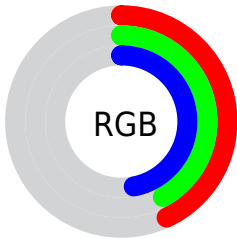
Format	Color
R_{YB}	109, 106, 119
Decimal	7170679
CIE Lab	45.48, 3.92, -6.82
CIE LCh	45, 7.862, 299.880
Yxy	14.8912, 0.3004, 0.3025
Android (android.graphics.Color)	4285360759 (0xFF6D6A77)
YUV	108.3790, 5.2362, 0.5446
Hunter-Lab	38.5891, 0.8848, -3.0212

Details

The XYZ color **14.7905, 14.8912, 19.5475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4013, 17.9476, 16.2362**, and the grayscale version is **14.3469, 15.0941, 16.4375**.

A 20% lighter version of the original color is **34.1056, 34.6313, 43.4150**, and **4.6258, 4.5750, 6.6005** is the 20% darker color. If you saturate the color by 10%, you get **12.5802, 12.0562, 19.1170**, and if you desaturate by 10%, it is **17.2892, 18.1284, 20.0409**.

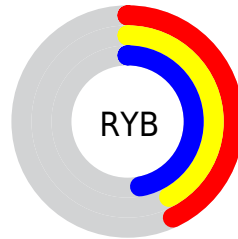
Distribution



Red (43%)

Green (42%)

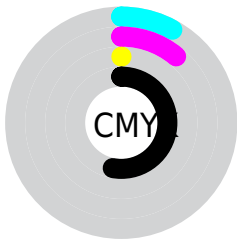
Blue (47%)



Red (43%)

Yellow (42%)

Blue (47%)

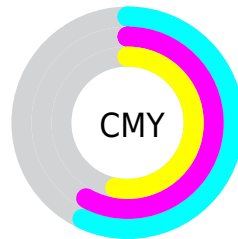


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7905, 14.8912, 19.5475 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 14.7905, 14.8912, 19.5475 by changing the saturation by 10% instead.

■ 14.7905, 14.8912,
19.5475

■ 14.7905, 14.8912,
19.5475

215.5083,
222.7067, 261.9775

■ 8.7578, 8.7431,
11.8857

■ 34.0599, 34.6622,
43.5062

■ 4.6394, 4.5740,
6.5443

■ 48.0274, 49.0539,
60.6402

■ 2.0698, 1.9995,
3.1047

■ 65.3705, 66.9621,
81.7687

■ 0.6727, 0.6072,
1.1483

■ 86.4546, 88.7714,
107.3102

■ 0.0000, 0.0000,
0.0000

111.6451,
114.8661, 137.6833

141.3073,

145.6307, 173.3066

175.8066,
181.4494, 214.5984

■ 14.7905, 14.8912,
19.5475

■ 14.7905, 14.8912,
19.5475

■ 12.5802, 12.0562,
19.1170

■ 17.2892, 18.1284,
20.0409

■ 10.6464, 9.6056,
18.7459

■ 20.0850, 21.7807,
20.5985

■ 8.9784, 7.5233,
18.4319

■ 23.1878, 25.8630,
21.2229

■ 7.5643, 5.7912,
18.1721

■ 26.6067, 30.3886,
21.9162

■ 6.3910, 4.3896,
17.9634

■ 30.3504, 35.3704,
22.6805

■ 5.4444, 3.2970,
17.8024

■ 34.4272, 40.8208,
23.5177

■ 4.7089, 2.4890,
17.6852

■ 38.8452, 46.7517,
24.4296

■ 4.1665, 1.9376,
17.6074

■ 43.6121, 53.1744,
25.4181

■ 3.7939, 1.5711,
17.5563

■ 48.7354, 60.1001,
26.4848

Harmonies

Analogous

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



14.1510, 14.8912, 20.0957



14.7905, 14.8912, 19.5475



15.2714, 14.8912, 18.0926

Triad

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



14.7905, 14.8912, 19.5475



14.7952, 14.8912, 13.2894



12.9310, 14.8912, 16.2064

Complementary

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



14.7905, 14.8912, 19.5475



16.4013, 17.9476, 16.2362

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.



13.0918, 14.8912, 14.4702



14.7905, 14.8912, 19.5475



14.1563, 14.8912, 12.8673

Square

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



14.7905, 14.8912, 19.5475



15.2742, 14.8912, 14.4823



13.5353, 14.8912, 13.2828



13.0893, 14.8912, 18.0784

Rectangle

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



14.7905, 14.8912, 19.5475



15.4303, 14.8912, 16.8562



13.5353, 14.8912, 13.2828



12.9494, 14.8912, 15.5883

Sweetspot

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



14.7909, 14.8918, 19.5478



29.9520, 31.1524, 35.6874



15.5407, 16.9296, 19.9016



7.0196, 7.2806, 8.4420



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.



14.7909, 14.8918, 19.5478



25.4867, 25.3797, 34.8086



15.5962, 15.3070, 19.5855



3.5724, 3.6269, 4.6020



4.0231, 1.6653, 18.6520



18.9642, 7.7849, 90.8634

Inverse Universe

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



15.9147, 15.4916, 18.6751



27.9098, 26.6735, 32.9068



15.5899, 17.5293, 16.1982



3.7922, 3.7442, 4.4327



10.1105, 4.9779, 11.0562



48.9308, 24.1224, 52.0925

Previews

White Background



This preview shows how the XYZ color 14.7905, 14.8912, 19.5475 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 14.7905, 14.8912, 19.5475 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

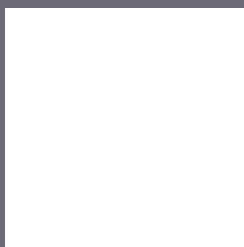
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7905, 14.8912, 19.5475

Background



This preview shows how black text looks on a background with the XYZ color 14.7905, 14.8912, 19.5475.



This preview shows how white text looks on a background with the XYZ color 14.7905, 14.8912,

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

14.7905, 14.8912, 19.5475

Protanopia

14.5917, 14.9356, 19.8831

Deuteranopia

15.1914, 14.9458, 19.5369



Tritanopia

14.5365, 14.9413, 18.3375

Trichromacy



Original Color

14.7905, 14.8912, 19.5475

Protanomaly

14.7113, 14.9973, 19.8887

Deuteranomaly

15.0634, 14.8798, 19.5309

Tritanomaly

14.5944, 14.9645, 18.6422

Monochromacy



Original Color

14.7905, 14.8912, 19.5475

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3667, 14.8734, 17.4429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7905, 14.8912, 19.5475 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(109, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(109, 106, 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(109, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 106, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.7905, 14.8912, 19.5475 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(109, 106, 119) }
```


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

```
.border{ border-color:rgb(109, 106, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 106, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(109, 106,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7905, 14.8912, 19.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 106, 119) }
```

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

```
.background{ background-color: rgb(109,  
106, 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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