

Converting Colors

XYZ(14.9163, 14.9193, 18.2379)

Have a look what the booklet for
XYZ(14.9163, 14.9193, 18.2379)
contains.

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Color

**XYZ(14.9306, 14.9906,
18.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	706A73
RGB	112, 106, 115
RGB Percent	44%, 42%, 45%
CMY	0.5608, 0.5843, 0.5490
CMYK	0.03, 0.08, 0.00, 0.55
HSL	280°, 4%, 43%
HSV	280°, 8%, 45%
XYZ	14.9306, 14.9906, 18.3262
YIQ	108.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

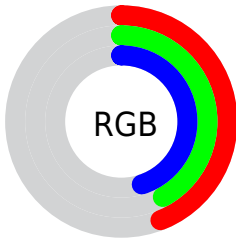
Format	Color
R_{YB}	112, 106, 115
Decimal	7367283
CIE _{Lab}	45.62, 4.17, -4.18
CIE _{LCh}	46, 5.909, 314.956
Yxy	14.9906, 0.3095, 0.3107
Android (android.graphics.Color)	4285557363 (0xFF706A73)
YUV	108.8200, 3.0467, 2.7889
Hunter-Lab	38.7177, 1.0785, -0.9613

Details

The XYZ color **14.9306, 14.9906, 18.3262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0395, 16.5537, 16.0389**, and the grayscale version is **14.4767, 15.2306, 16.5861**.

A 20% lighter version of the original color is **34.3419, 34.7965, 41.4656**, and **4.6914, 4.6232, 5.9553** is the 20% darker color. If you saturate the color by 10%, you get **13.3467, 12.5315, 17.9353**, and if you desaturate by 10%, it is **16.6951, 17.7796, 18.7718**.

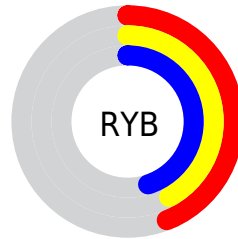
Distribution



Red (44%)

Green (42%)

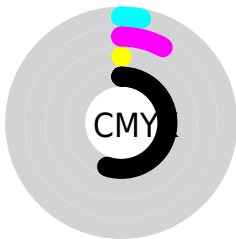
Blue (45%)



Red (44%)

Yellow (42%)

Blue (45%)

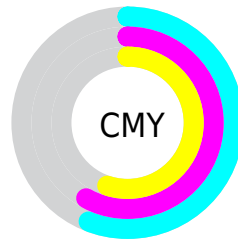


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9306, 14.9906, 18.3262 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 14.9306, 14.9906, 18.3262 by changing the saturation by 10% instead.

■ 14.9306, 14.9906,
18.3262

■ 14.9306, 14.9906,
18.3262

216.3425,
223.3093, 255.0009

■ 8.8567, 8.8128,
11.0126

■ 34.3040, 34.8367,
41.4138

■ 4.7042, 4.6193,
5.9610

■ 48.3343, 49.2738,
58.0249

■ 2.1077, 2.0257,
2.7530

■ 65.7474, 67.2327,
78.5721

■ 0.6934, 0.6223,
0.9699

■ 86.9086, 89.0979,
103.4742

■ 0.0000, 0.0000,
0.0000

112.1834,
115.2538, 133.1496

141.9371,

146.0847, 168.0168

176.5350,
181.9751, 208.4943

■ 14.9306, 14.9906,
18.3262

■ 14.9306, 14.9906,
18.3262

■ 13.3467, 12.5315,
17.9353

■ 16.6951, 17.7796,
18.7718

■ 11.9355, 10.3877,
17.5958

■ 18.6452, 20.9086,
19.2729

■ 10.6906, 8.5463,
17.3060

■ 20.7870, 24.3895,
19.8319

■ 9.6044, 6.9927,
17.0634

■ 23.1262, 28.2333,
20.4506

■ 8.6690, 5.7113,
16.8654

■ 25.6681, 32.4504,
21.1306

7.8754, 4.6846,
16.7090

28.4180, 37.0505,
21.8736

7.2138, 3.8935,
16.5912

31.3807, 42.0434,
22.6811

6.6729, 3.3157,
16.5082

34.5611, 47.4383,
23.5548

6.2220, 2.8904,
16.4498

37.9638, 53.2441,
24.4961

Harmonies

Analogous

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



14.4949, 14.9906, 19.0972



14.9306, 14.9906, 18.3262



15.1863, 14.9906, 17.0393

Triad

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



14.9306, 14.9906, 18.3262



14.4964, 14.9906, 13.8310



13.3490, 14.9906, 17.0352

Complementary

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



14.9306, 14.9906, 18.3262



15.0395, 16.5537, 16.0389

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.



13.3494, 14.9906, 15.6255



14.9306, 14.9906, 18.3262



14.0041, 14.9906, 13.8300

Square

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



14.9306, 14.9906, 18.3262



14.9317, 14.9906, 14.4727



13.5868, 14.9906, 14.4699



13.5857, 14.9906, 18.3230

Rectangle

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



14.9306, 14.9906, 18.3262



15.2166, 14.9906, 16.0881



13.5868, 14.9906, 14.4699



13.3216, 14.9906, 16.5586

Sweetspot

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



14.9310, 14.9912, 18.3265



28.5199, 29.6531, 33.2650



14.5236, 15.2719, 18.4022



6.8157, 7.0930, 7.9388



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9310, 14.9912, 18.3265



26.3167, 26.1872, 32.7121



15.2421, 15.1605, 17.9386



3.7137, 3.6997, 4.6086



6.9817, 3.1905, 18.7904



33.0866, 15.0652, 91.5243

Inverse Universe

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



14.9851, 15.0577, 16.5855



26.4328, 26.3281, 29.0538



14.7474, 16.3949, 16.3946



3.7297, 3.7191, 4.1032



8.4798, 4.3256, 2.4686



40.9624, 20.9351, 10.1313

Previews

White Background



This preview shows how the XYZ color 14.9306, 14.9906, 18.3262 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 14.9306, 14.9906, 18.3262 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 14.9306, 14.9906, 18.3262

Background



This preview shows how black text looks on a background with the XYZ color 14.9306, 14.9906, 18.3262.



This preview shows how white text looks on a background with the XYZ color 14.9306, 14.9906,

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

14.9306, 14.9906, 18.3262

Protanopia

14.5944, 14.9645, 18.6422

Deuteranopia

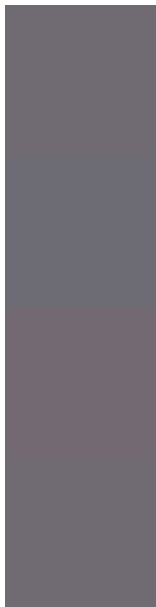
15.2163, 14.9858, 18.3102



Tritanopia

14.8734, 14.9677, 18.0247

Trichromacy



Original Color

14.9306, 14.9906, 18.3262

Protanomaly

14.7168, 15.0276, 18.6479

Deuteranomaly

15.0855, 14.9184, 18.3041

Tritanomaly

14.8734, 14.9677, 18.0247

Monochromacy



Original Color

14.9306, 14.9906, 18.3262

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6622, 15.1878, 17.1977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9306, 14.9906, 18.3262 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(112, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(112, 106, 115)  
}
```

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(112, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 106, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.9306, 14.9906, 18.3262 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(112, 106, 115) }
```


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

```
.border{ border-color:rgb(112, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(112, 106,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9306, 14.9906, 18.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 106, 115) }
```

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

```
.background{ background-color: rgb(112,  
106, 115) }
```

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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