

Converting Colors

XYZ(14.3773, 16.1146, 18.4970)

Have a look what the booklet for
XYZ(14.3773, 16.1146, 18.4970)
contains.

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Color

**XYZ(14.3708, 16.1519,
18.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	637373
RGB	99, 115, 115
RGB Percent	39%, 45%, 45%
CMY	0.6118, 0.5490, 0.5490
CMYK	0.14, 0.00, 0.00, 0.55
HSL	180°, 7%, 42%
HSV	180°, 14%, 45%
XYZ	14.3708, 16.1519, 18.5799
YIQ	110.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

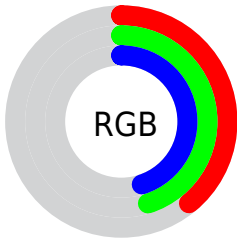
Format	Color
R_{YB}	99, 107, 115
Decimal	6517619
CIE _{Lab}	47.17, -5.93, -2.01
CIE _{LCh}	47, 6.261, 198.754
Yxy	16.1519, 0.2927, 0.3289
Android (android.graphics.Color)	4284707699 (0xFF637373)
YUV	110.2160, 2.3585, -9.8364
Hunter-Lab	40.1894, -6.5041, 0.7223

Details

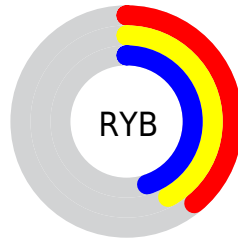
The XYZ color **14.3708, 16.1519, 18.5799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7847, 13.4697, 13.6783**, and the grayscale version is **14.8788, 15.6536, 17.0468**.

A 20% lighter version of the original color is **33.3714, 36.9115, 41.9250**, and **4.4364, 5.1496, 6.0703** is the 20% darker color. If you saturate the color by 10%, you get **13.2029, 15.5503, 18.5252**, and if you desaturate by 10%, it is **15.7186, 16.8471, 18.6437**.

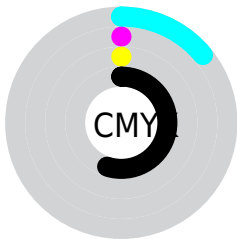
Distribution



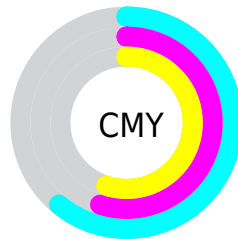
- Red (39%)
- Green (45%)
- Blue (45%)



- Red (39%)
- Yellow (42%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3708, 16.1519, 18.5799 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 14.3708, 16.1519, 18.5799 by changing the saturation by 10% instead.

■ 14.3708, 16.1519,
18.5799

■ 14.3708, 16.1519,
18.5799

212.9903,
230.2364, 256.4646

■ 8.4624, 9.6317,
11.1934

■ 33.3263, 36.8617,
41.8502

■ 4.4465, 5.1555,
6.0813

■ 47.1042, 51.8201,
58.5711

■ 1.9577, 2.3388,
2.8250

■ 64.2359, 70.3600,
79.2405

■ 0.6100, 0.7941,
1.0060

■ 85.0869, 92.8659,
104.2770

■ 0.0000, 0.0000,
0.0000

110.0225,
119.7221, 134.0991

139.4080,

151.3129, 169.1254

173.6088,
188.0229, 209.7744

■ 14.3708, 16.1519,
18.5799

■ 14.3708, 16.1519,
18.5799

■ 13.2029, 15.5503,
18.5252

■ 15.7186, 16.8471,
18.6437

■ 12.2060, 15.0363,
18.4782

■ 17.2519, 17.6376,
18.7158

■ 11.3724, 14.6066,
18.4389

■ 18.9780, 18.5274,
18.7969

■ 10.6935, 14.2567,
18.4068

■ 20.9032, 19.5199,
18.8873

■ 10.1598, 13.9815,
18.3814

■ 23.0336, 20.6181,
18.9874

■ 9.7606, 13.7757,
18.3624

■ 25.3749, 21.8251,
19.0973

■ 9.4840, 13.6332,
18.3491

■ 27.9328, 23.1438,
19.2174

■ 9.3127, 13.5448,
18.3408

■ 30.7127, 24.5768,
19.3478

■ 9.2250, 13.4997,
18.3364

■ 33.7197, 26.1270,
19.4889

Harmonies

Analogous

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



14.3365, 16.1519, 17.0018



14.3708, 16.1519, 18.5799



14.6642, 16.1519, 19.9670

Triad

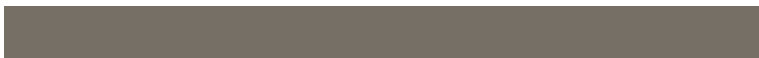
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.3708, 16.1519, 18.5799



16.1620, 16.1519, 19.6630



15.5593, 16.1519, 14.7766

Complementary

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



14.3708, 16.1519, 18.5799



13.7847, 13.4697, 13.6783

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.



16.0607, 16.1519, 15.4034



14.3708, 16.1519, 18.5799



16.4142, 16.1519, 18.1848

Square

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



14.3708, 16.1519, 18.5799



15.6949, 16.1519, 20.6177



16.3767, 16.1519, 16.6295



15.0139, 16.1519, 14.8683

Rectangle

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



14.3708, 16.1519, 18.5799



14.9713, 16.1519, 20.5676



16.3767, 16.1519, 16.6295



15.7389, 16.1519, 14.9087

Sweetspot

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



14.3713, 16.1526, 18.5803



28.0968, 30.1414, 33.3813



13.5581, 15.8307, 14.1456



6.6641, 7.1706, 7.9617



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.



14.3713, 16.1526, 18.5803



24.9584, 28.5235, 33.2336



13.5260, 14.4620, 18.2990



3.7833, 4.1553, 4.6928



10.5457, 15.4323, 20.9615



51.3903, 75.2034, 102.1469

Inverse Universe

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



13.7847, 13.4697, 13.6783



23.6720, 22.6395, 22.4828



14.5528, 15.0061, 13.9340



3.6840, 3.7009, 3.8625



8.0829, 4.1669, 0.3786



39.3887, 20.3056, 1.8441

Previews

White Background



This preview shows how the XYZ color 14.3708, 16.1519, 18.5799 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 14.3708, 16.1519, 18.5799 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

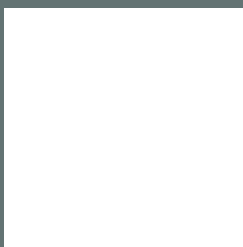
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3708, 16.1519, 18.5799

Background



This preview shows how black text looks on a background with the XYZ color 14.3708, 16.1519, 18.5799.



This preview shows how white text looks on a background with the XYZ color 14.3708, 16.1519,

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

14.3708, 16.1519, 18.5799

Protanopia

15.4751, 16.0718, 17.9093

Deuteranopia

16.2607, 15.9791, 18.7503



Tritanopia

14.8480, 16.1740, 21.0782

Trichromacy



Original Color

14.3708, 16.1519, 18.5799

Protanomaly

15.0158, 15.9914, 18.2148

Deuteranomaly

15.5189, 16.0746, 18.8078

Tritanomaly

14.6630, 16.1000, 20.1041

Monochromacy



Original Color

14.3708, 16.1519, 18.5799

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6627, 15.8224, 17.6105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3708, 16.1519, 18.5799 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(99, 115, 115) looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 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(99, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.3708, 16.1519, 18.5799 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(99, 115, 115) }
```


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

```
.border{ border-color:rgb(99, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3708, 16.1519, 18.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 115) }
```

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

```
.background{ background-color: rgb(99, 115,  
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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