

Converting Colors

XYZ(14.7067, 15.3051, 18.3267)

Have a look what the booklet for
XYZ(14.7067, 15.3051, 18.3267)
contains.

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Color

**XYZ(14.7475, 15.3632,
18.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D73
RGB	108, 109, 115
RGB Percent	42%, 43%, 45%
CMY	0.5765, 0.5725, 0.5490
CMYK	0.06, 0.05, 0.00, 0.55
HSL	231°, 3%, 44%
HSV	231°, 6%, 45%
XYZ	14.7475, 15.3632, 18.4078
YIQ	109.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

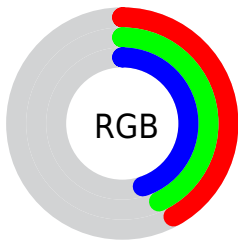
Format	Color
RYB	108, 109, 115
Decimal	7105907
CIELab	46.13, 0.88, -3.47
CIELCh	46, 3.583, 284.299
Yxy	15.3632, 0.3040, 0.3166
Android (android.graphics.Color)	4285295987 (0xFF6C6D73)
YUV	109.3850, 2.7682, -1.2146
Hunter-Lab	39.1959, -1.4321, -0.4076

Details

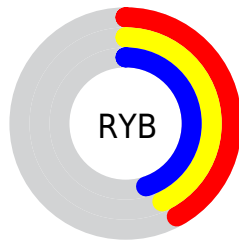
The XYZ color **14.7475, 15.3632, 18.4078** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7944, 16.7621, 16.5906**, and the grayscale version is **14.6385, 15.4008, 16.7715**.

A 20% lighter version of the original color is **33.8439, 35.3026, 41.5895**, and **4.6602, 4.8426, 5.9993** is the 20% darker color. If you saturate the color by 10%, you get **12.4472, 12.7036, 18.0159**, and if you desaturate by 10%, it is **17.3512, 18.3551, 18.8483**.

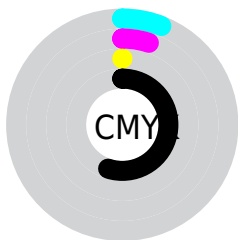
Distribution



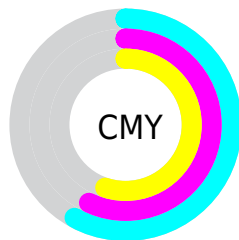
- Red (42%)
- Green (43%)
- Blue (45%)



- Red (42%)
- Yellow (43%)
- Blue (45%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7475, 15.3632, 18.4078 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 14.7475, 15.3632, 18.4078 by changing the saturation by 10% instead.

■ 14.7475, 15.3632,
18.4078

■ 14.7475, 15.3632,
18.4078

215.2516,
225.5542, 255.4725

■ 8.7275, 9.0747,
11.0707

■ 33.9849, 35.4891,
41.5543

■ 4.6196, 4.7899,
5.9996

■ 47.9331, 50.0953,
58.2007

■ 2.0583, 2.1245,
2.7761

■ 65.2547, 68.2428,
78.7874

■ 0.6664, 0.6784,
0.9815

■ 86.3150, 90.3160,
103.7328

■ 0.0000, 0.0000,
0.0000

111.4796,
116.6994, 133.4554

141.1136,

147.7772, 168.3739

175.5825,
183.9341, 208.9068

■ 14.7475, 15.3632,
18.4078

■ 14.7475, 15.3632,
18.4078

■ 12.4472, 12.7036,
18.0159

■ 17.3512, 18.3551,
18.8483

■ 10.4377, 10.3627,
17.6700

■ 20.2672, 21.6880,
19.3379

■ 8.7080, 8.3293,
17.3687

■ 23.5062, 25.3732,
19.8785

■ 7.2454, 6.5903,
17.1101

■ 27.0775, 29.4204,
20.4715

■ 6.0364, 5.1320,
16.8923

■ 30.9903, 33.8394,
21.1182

■ 5.0665, 3.9395,
16.7133

■ 35.2534, 38.6391,
21.8200

■ 4.3193, 2.9965,
16.5707

■ 39.8752, 43.8285,
22.5780

■ 3.7767, 2.2848,
16.4619

■ 44.8639, 49.4162,
23.3936

■ 3.4065, 1.7781,
16.3836

■ 50.2273, 55.4105,
24.2679

Harmonies

Analogous

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



14.4442, 15.3632, 18.3965



14.7475, 15.3632, 18.4078



15.0154, 15.3632, 17.9583

Triad

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



14.7475, 15.3632, 18.4078



15.0258, 15.3632, 15.5827



14.0452, 15.3632, 16.2778

Complementary

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



14.7475, 15.3632, 18.4078



15.7944, 16.7621, 16.5906

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.



14.1967, 15.3632, 15.5551



14.7475, 15.3632, 18.4078



14.7614, 15.3632, 15.1634

Square

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



14.7475, 15.3632, 18.4078



15.1776, 15.3632, 16.3167



14.4580, 15.3632, 15.1535



14.0416, 15.3632, 17.1459

Rectangle

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



14.7475, 15.3632, 18.4078



15.1368, 15.3632, 17.4665



14.4580, 15.3632, 15.1535



14.0805, 15.3632, 16.0105

Sweetspot

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



14.7479, 15.3639, 18.4081



28.2230, 29.5999, 33.2704



15.3498, 16.6637, 18.3123



6.7502, 7.0812, 7.9400



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.



14.7479, 15.3639, 18.4081



25.9305, 26.9603, 32.8817



14.9439, 15.3072, 18.3869



3.6481, 3.7925, 4.6300



3.7462, 1.8320, 18.6987



17.8630, 8.1426, 90.9905

Inverse Universe

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



15.1935, 15.4744, 16.6548



26.8663, 27.1949, 29.1986



15.5901, 16.8254, 16.6136



3.7809, 3.8259, 4.1072



8.1880, 4.2089, 0.9323



39.7032, 20.4314, 3.5002

Previews

White Background



This preview shows how the XYZ color 14.7475, 15.3632, 18.4078 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 14.7475, 15.3632, 18.4078 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

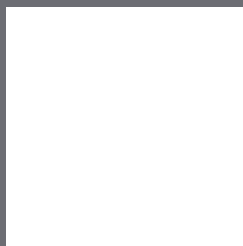
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7475, 15.3632, 18.4078

Background



This preview shows how black text looks on a background with the XYZ color 14.7475, 15.3632, 18.4078.



This preview shows how white text looks on a background with the XYZ color 14.7475, 15.3632,

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

14.7475, 15.3632, 18.4078

Protanopia

14.9936, 15.4901, 18.4193

Deuteranopia

15.6425, 15.3509, 18.6616



Tritanopia

14.8639, 15.4098, 19.0206

Trichromacy

**Original Color**

14.7475, 15.3632, 18.4078

Protanomaly

14.8698, 15.4263, 18.4135

Deuteranomaly

15.3495, 15.3538, 18.6776

Tritanomaly

14.8054, 15.3864, 18.7125

Monochromacy

**Original Color**

14.7475, 15.3632, 18.4078

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6446, 15.3362, 17.2273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7475, 15.3632, 18.4078 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(108, 109, 115) looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 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(108, 109, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.7475, 15.3632, 18.4078 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(108, 109, 115) }
```


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

```
.border{ border-color:rgb(108, 109, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 109, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 109, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 109, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 109,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7475, 15.3632, 18.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 109, 115) }
```

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

```
.background{ background-color: rgb(108,  
109, 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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