

Converting Colors

XYZ(15.0729, 14.6063, 18.5479)

Have a look what the booklet for
XYZ(15.0729, 14.6063, 18.5479)
contains.

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Color

**XYZ(15.0729, 14.6063,
18.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	736774
RGB	115, 103, 116
RGB Percent	45%, 40%, 45%
CMY	0.5490, 0.5961, 0.5451
CMYK	0.01, 0.11, 0.00, 0.55
HSL	295°, 6%, 43%
HSV	295°, 11%, 45%
XYZ	15.0729, 14.6063, 18.5479
YIQ	108.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

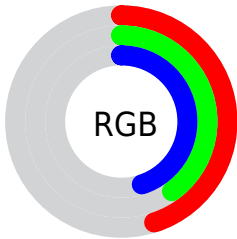
Format	Color
R _Y B	115, 103, 116
Decimal	7563124
CIE Lab	45.09, 7.32, -5.54
CIE LCh	45, 9.179, 322.872
Yxy	14.6063, 0.3125, 0.3029
Android (android.graphics.Color)	4285753204 (0xFF736774)
YUV	108.0700, 3.9095, 6.0776
Hunter-Lab	38.2182, 3.5169, -2.0217

Details

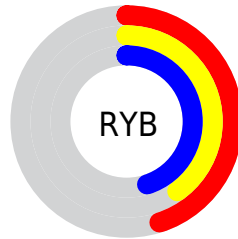
The XYZ color **15.0729, 14.6063, 18.5479** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4030, 16.4135, 15.2417**, and the grayscale version is **14.2627, 15.0054, 16.3409**.

A 20% lighter version of the original color is **34.5598, 34.1538, 41.8166**, and **4.7723, 4.4390, 6.0741** is the 20% darker color. If you saturate the color by 10%, you get **13.8816, 12.3969, 18.1844**, and if you desaturate by 10%, it is **16.4263, 17.1378, 18.9654**.

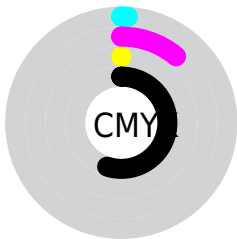
Distribution



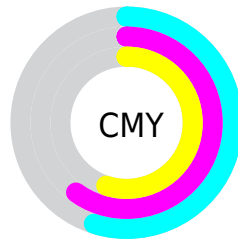
- Red (45%)
- Green (40%)
- Blue (45%)



- Red (45%)
- Yellow (40%)
- Blue (45%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0729, 14.6063, 18.5479 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 15.0729, 14.6063, 18.5479 by changing the saturation by 10% instead.

■ 15.0729, 14.6063,
18.5479

■ 15.0729, 14.6063,
18.5479

217.1867,
220.9707, 256.2804

■ 8.9572, 8.5435,
11.1706

■ 34.5516, 34.1610,
41.7952

■ 4.7702, 4.4447,
6.0661

■ 48.6454, 48.4218,
58.5023

■ 2.1464, 1.9253,
2.8159

■ 66.1292, 66.1840,
79.1563

■ 0.7143, 0.5635,
1.0014

■ 87.3684, 87.8321,
104.1759

■ 0.0000, 0.0000,
0.0000

112.7284,
113.7504, 133.9796

142.5746,

144.3233, 168.9859

177.2722,
179.9353, 209.6133

■ 15.0729, 14.6063,
18.5479

■ 15.0729, 14.6063,
18.5479

■ 13.8816, 12.3969,
18.1844

■ 16.4263, 17.1378,
18.9654

■ 12.8446, 10.4945,
17.8719

■ 17.9466, 20.0017,
19.4381

■ 11.9553, 8.8858,
17.6083

■ 19.6402, 23.2105,
19.9682

■ 11.2060, 7.5557,
17.3910

■ 21.5126, 26.7752,
20.5575

■ 10.5887, 6.4877,
17.2174

■ 23.5692, 30.7065,
21.2080

■ 10.0942, 5.6636,
17.0844

■ 25.8150, 35.0146,
21.9212

■ 9.7122, 5.0630,
16.9886

■ 28.2550, 39.7093,
22.6987

■ 9.4309, 4.6620,
16.9260

■ 30.8938, 44.7999,
23.5422

■ 9.2253, 4.3916,
16.8847

■ 33.7360, 50.2956,
24.4532

Harmonies

Analogous

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



14.4549, 14.6063, 20.0508



15.0729, 14.6063, 18.5479



15.3739, 14.6063, 16.4253

Triad

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



15.0729, 14.6063, 18.5479



14.0638, 14.6063, 12.1243



12.5876, 14.6063, 17.5753

Complementary

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



15.0729, 14.6063, 18.5479



14.4030, 16.4135, 15.2417

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.



12.4914, 14.6063, 15.3934



15.0729, 14.6063, 18.5479



13.3261, 14.6063, 12.3720

Square

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



15.0729, 14.6063, 18.5479



14.7778, 14.6063, 12.8136



12.7571, 14.6063, 13.5237



13.0248, 14.6063, 19.4547

Rectangle

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



15.0729, 14.6063, 18.5479



15.3469, 14.6063, 14.9953



12.7571, 14.6063, 13.5237



12.5150, 14.6063, 16.8482

Sweetspot

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



15.0733, 14.6069, 18.5482



28.4070, 29.2485, 33.1928



13.7052, 14.0626, 18.5153



6.7351, 6.8993, 7.9057



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.



15.0733, 14.6069, 18.5482



26.0276, 24.8045, 32.4604



14.8995, 14.5527, 16.9430



3.8002, 3.7443, 4.6127



10.3459, 4.9248, 18.9479



50.0911, 23.8314, 92.3201

Inverse Universe

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



14.5519, 14.4136, 15.1125



24.9544, 24.4071, 25.3679



14.5684, 16.4663, 16.7149



3.6943, 3.7050, 3.9171



8.1344, 4.1875, 0.6499



39.5080, 20.3533, 2.4723

Previews

White Background



This preview shows how the XYZ color 15.0729, 14.6063, 18.5479 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 15.0729, 14.6063, 18.5479 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 15.0729, 14.6063, 18.5479

Background



This preview shows how black text looks on a background with the XYZ color 15.0729, 14.6063, 18.5479.



This preview shows how white text looks on a background with the XYZ color 15.0729, 14.6063,

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

15.0729, 14.6063, 18.5479

Protanopia

14.2497, 14.6193, 19.2103

Deuteranopia

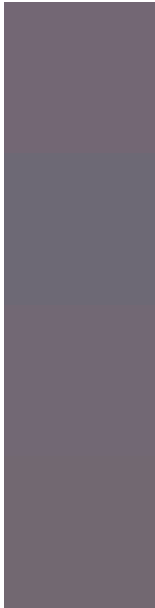
14.9128, 14.6723, 18.5690



Tritanopia

14.8144, 14.6479, 17.3758

Trichromacy



Original Color

15.0729, 14.6063, 18.5479

Protanomaly

14.5691, 14.6387, 18.8873

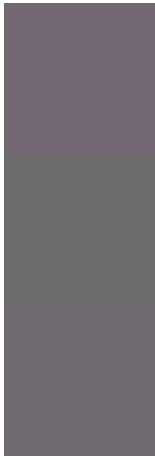
Deuteranomaly

15.0421, 14.7390, 18.5751

Tritanomaly

14.8704, 14.6703, 17.6707

Monochromacy



Original Color

15.0729, 14.6063, 18.5479

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5788, 14.8353, 17.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0729, 14.6063, 18.5479 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(115, 103, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 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(115, 103, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.0729, 14.6063, 18.5479 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(115, 103, 116) }
```


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

```
.border{ border-color:rgb(115, 103, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 116);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0729, 14.6063, 18.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 116) }
```

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

```
.background{ background-color: rgb(115,  
103, 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](#).

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