

Converting Colors

XYZ(15.3763, 16.7015, 19.8446)

Have a look what the booklet for
XYZ(15.3763, 16.7015, 19.8446)
contains.

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Color

**XYZ(15.2862, 16.5966,
19.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	697377
RGB	105, 115, 119
RGB Percent	41%, 45%, 47%
CMY	0.5882, 0.5490, 0.5333
CMYK	0.12, 0.03, 0.00, 0.53
HSL	197°, 6%, 44%
HSV	197°, 12%, 47%
XYZ	15.2862, 16.5966, 19.8506
YIQ	112.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

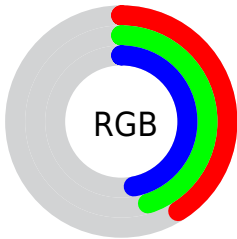
Format	Color
R_{YB}	105, 111, 119
Decimal	6910839
CIE _{Lab}	47.75, -2.87, -3.50
CIE _{LCh}	48, 4.520, 230.660
Yxy	16.5966, 0.2955, 0.3208
Android (android.graphics.Color)	4285100919 (0xFF697377)
YUV	112.4660, 3.2213, -6.5477
Hunter-Lab	40.7389, -4.3157, -0.3726

Details

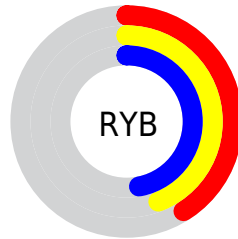
The XYZ color **15.2862, 16.5966, 19.8506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6263, 15.8791, 15.6063**, and the grayscale version is **15.5308, 16.3396, 17.7939**.

A 20% lighter version of the original color is **34.8797, 37.6456, 43.9561**, and **4.8894, 5.3688, 6.7398** is the 20% darker color. If you saturate the color by 10%, you get **13.6048, 15.1654, 19.6632**, and if you desaturate by 10%, it is **17.1785, 18.1586, 20.0526**.

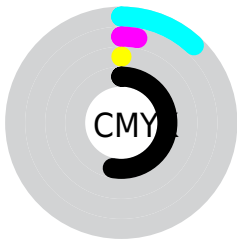
Distribution



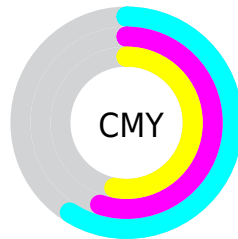
- Red (41%)
- Green (45%)
- Blue (47%)



- Red (41%)
- Yellow (44%)
- Blue (47%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2862, 16.5966, 19.8506 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 15.2862, 16.5966, 19.8506 by changing the saturation by 10% instead.

■ 15.2862, 16.5966,
19.8506

■ 15.2862, 16.5966,
19.8506

218.4462,
232.8369, 263.6826

■ 9.1081, 9.9473,
12.1035

■ 34.9220, 37.6309,
44.0222

■ 4.8694, 5.3640,
6.6908

■ 49.1105, 52.7846,
61.2838

■ 2.2048, 2.4624,
3.1940

■ 66.6998, 71.5420,
82.5540

■ 0.7453, 0.8577,
1.1945

■ 88.0553, 94.2874,
108.2513

■ 0.0000, 0.0000,
0.0000

113.5423,
121.4052, 138.7943

143.5262,

153.2797, 174.6015

178.3724,
190.2955, 216.0914

■ 15.2862, 16.5966,
19.8506

■ 15.2862, 16.5966,
19.8506

■ 13.6048, 15.1654,
19.6632

■ 17.1785, 18.1586,
20.0526

■ 12.1246, 13.8586,
19.4890

■ 19.2879, 19.8535,
20.2686

■ 10.8373, 12.6719,
19.3278

■ 21.6224, 21.6861,
20.4993

■ 9.7334, 11.6003,
19.1791

■ 24.1890, 23.6602,
20.7451

■ 8.8027, 10.6382,
19.0425

■ 26.9942, 25.7795,
21.0063

■ 8.0336, 9.7796,
18.9173

■ 30.0445, 28.0474,
21.2832

■ 7.4133, 9.0174,
18.8029

■ 33.3461, 30.4673,
21.5763

■ 6.9268, 8.3438,
18.6985

■ 36.9049, 33.0425,
21.8858

■ 6.5794, 7.8310,
18.6178

■ 40.7266, 35.7762,
22.2120

Harmonies

Analogous

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



15.0573, 16.5966, 18.8690



15.2862, 16.5966, 19.8506



15.6486, 16.5966, 20.3613

Triad

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



15.2862, 16.5966, 19.8506



16.5553, 16.5966, 18.4351



15.5015, 16.5966, 16.0640

Complementary

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



15.2862, 16.5966, 19.8506



15.6263, 15.8791, 15.6063

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.



15.9013, 16.5966, 15.9590



15.2862, 16.5966, 19.8506



16.5143, 16.5966, 17.2956

Square

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



15.2862, 16.5966, 19.8506



16.3843, 16.5966, 19.5214



16.2732, 16.5966, 16.4008



15.1801, 16.5966, 16.6941

Rectangle

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



15.2862, 16.5966, 19.8506



15.9190, 16.5966, 20.3517



16.2732, 16.5966, 16.4008



15.6310, 16.5966, 15.9672

Sweetspot

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



15.2867, 16.5973, 19.8510



29.9352, 31.8419, 35.8214



15.1814, 17.3006, 16.9981



7.0412, 7.5026, 8.4837



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.



15.2867, 16.5973, 19.8510



26.5579, 29.0343, 35.4575



14.5219, 15.0677, 19.5960



3.6992, 3.9870, 4.6648



6.9817, 8.3032, 19.7773



33.2649, 38.9465, 96.1245

Inverse Universe

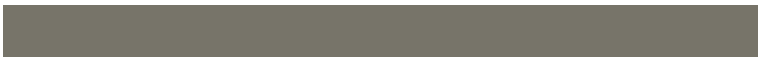
The Inverse Universe completely reimagines the original color for something new.



15.7542, 15.2633, 18.3362



27.5684, 26.1911, 32.1746



16.3994, 17.4253, 15.8640



3.7842, 3.7410, 4.3902



9.8212, 4.8622, 9.5325



47.4774, 23.5411, 44.4386

Previews

White Background



This preview shows how the XYZ color 15.2862, 16.5966, 19.8506 looks on a white background.

Color Contrast Check

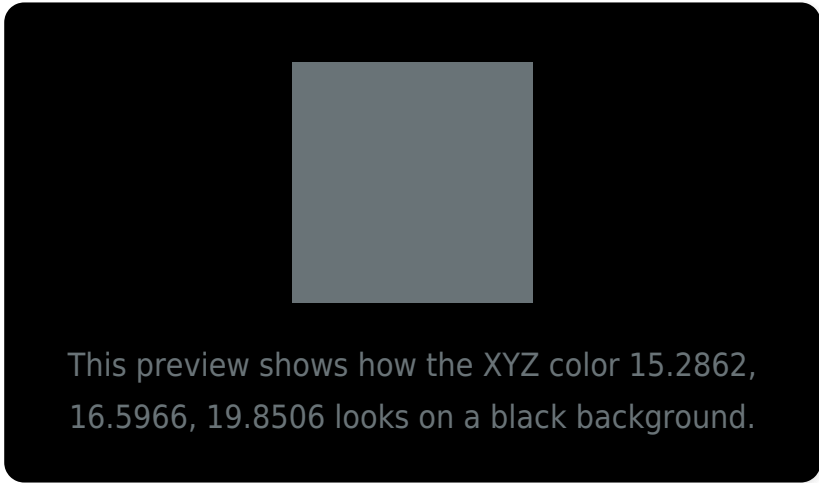
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

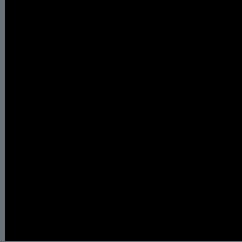
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

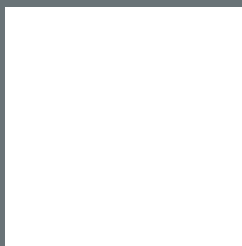
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2862, 16.5966, 19.8506

Background



This preview shows how black text looks on a background with the XYZ color 15.2862, 16.5966, 19.8506.



This preview shows how white text looks on a background with the XYZ color 15.2862, 16.5966,

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

15.2862, 16.5966, 19.8506

Protanopia

16.1146, 16.6957, 19.5128

Deuteranopia

16.8513, 16.5729, 20.0800



Tritanopia

15.5363, 16.5289, 21.1104

Trichromacy



Original Color

15.2862, 16.5966, 19.8506

Protanomaly

15.8429, 16.7221, 19.5322

Deuteranomaly

16.2546, 16.5892, 20.1146

Tritanomaly

15.4740, 16.5039, 20.7824

Monochromacy



Original Color

15.2862, 16.5966, 19.8506

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3063, 16.2993, 18.5590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2862, 16.5966, 19.8506 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(105, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 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(105, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.2862, 16.5966, 19.8506 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(105, 115, 119) }
```


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

```
.border{ border-color:rgb(105, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(105, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2862, 16.5966, 19.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 119) }
```

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

```
.background{ background-color: rgb(105,  
115, 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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