

Converting Colors

XYZ(15.4306, 16.7088, 21.8394)

Have a look what the booklet for
XYZ(15.4306, 16.7088, 21.8394)
contains.

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Color

**XYZ(15.4259, 16.6257,
21.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	67737D
RGB	103, 115, 125
RGB Percent	40%, 45%, 49%
CMY	0.5961, 0.5490, 0.5098
CMYK	0.18, 0.08, 0.00, 0.51
HSL	207°, 10%, 45%
HSV	207°, 18%, 49%
XYZ	15.4259, 16.6257, 21.7981
YIQ	112.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

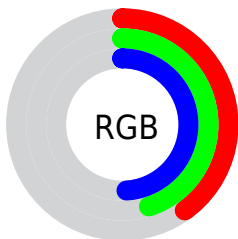
Format	Color
R_{YB}	103, 111, 125
Decimal	6779773
CIE Lab	47.78, -2.20, -7.03
CIE LCh	48, 7.362, 252.611
Yxy	16.6257, 0.2865, 0.3087
Android (android.graphics.Color)	4284969853 (0xFF67737D)
YUV	112.5520, 6.1369, -8.3771
Hunter-Lab	40.7746, -3.8253, -3.1542

Details

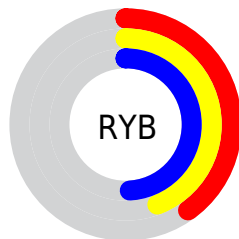
The XYZ color **15.4259, 16.6257, 21.7981** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8108, 17.1494, 15.2564**, and the grayscale version is **15.5485, 16.3583, 17.8141**.

A 20% lighter version of the original color is **35.1810, 37.7218, 47.5463**, and **4.9425, 5.3769, 7.6148** is the 20% darker color. If you saturate the color by 10%, you get **13.4701, 14.6856, 21.5270**, and if you desaturate by 10%, it is **17.6370, 18.7575, 22.0933**.

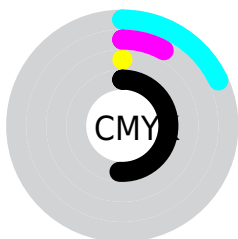
Distribution



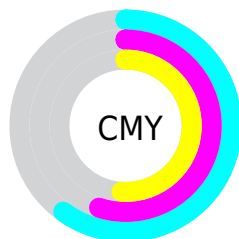
- Red (40%)
- Green (45%)
- Blue (49%)



- Red (40%)
- Yellow (44%)
- Blue (49%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4259, 16.6257, 21.7981 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 15.4259, 16.6257, 21.7981 by changing the saturation by 10% instead.

■ 15.4259, 16.6257,
21.7981

■ 15.4259, 16.6257,
21.7981

219.2674,
233.0061, 274.4091

■ 9.2071, 9.9680,
13.5117

■ 35.1642, 37.6811,
47.3100

■ 4.9347, 5.3777,
7.6470

■ 49.4144, 52.8476,
65.3726

■ 2.2434, 2.4706,
3.7854

■ 67.0724, 71.6191,
87.5310

■ 0.7654, 0.8618,
1.5084

■ 88.5036, 94.3800,
114.2037

■ 0.0000, 0.0000,
0.2241

114.0733,
121.5148, 145.8094

■ 0.0000, 0.0000,
0.0000

144.1470,

153.4078, 182.7665

179.0899,
190.4434, 225.4935

■ 15.4259, 16.6257,
21.7981

■ 15.4259, 16.6257,
21.7981

■ 13.4701, 14.6856,
21.5270

■ 17.6370, 18.7575,
22.0933

■ 11.7579, 12.9289,
21.2781

■ 20.1115, 21.0850,
22.4121

■ 10.2789, 11.3496,
21.0512

■ 22.8590, 23.6146,
22.7556

■ 9.0213, 9.9403,
20.8455

■ 25.8881, 26.3516,
23.1242

■ 7.9721, 8.6934,
20.6601

■ 29.2070, 29.3013,
23.5187

■ 7.1169, 7.6002,
20.4942

■ 32.8235, 32.4686,
23.9394

■ 6.4391, 6.6508,
20.3467

■ 36.7453, 35.8583,
24.3870

■ 5.9017, 5.8250,
20.2156

■ 40.9797, 39.4752,
24.8619

■ 5.7805, 5.6382,
20.1859

■ 45.5336, 43.3238,
25.3648

Harmonies

Analogous

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



14.8863, 16.6257, 20.6770



15.4259, 16.6257, 21.7981



16.0810, 16.6257, 21.8870

Triad

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



15.4259, 16.6257, 21.7981



17.0736, 16.6257, 17.3204



14.9583, 16.6257, 15.5567

Complementary

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



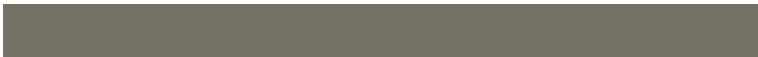
15.4259, 16.6257, 21.7981



16.8108, 17.1494, 15.2564

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.



15.5267, 16.6257, 14.7816



15.4259, 16.6257, 21.7981



16.7550, 16.6257, 15.7512

Square

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



15.4259, 16.6257, 21.7981



17.0448, 16.6257, 19.2109



16.1846, 16.6257, 14.8503



14.6216, 16.6257, 17.0377

Rectangle

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



15.4259, 16.6257, 21.7981



16.4962, 16.6257, 21.3407



16.1846, 16.6257, 14.8503



15.1280, 16.6257, 15.2098

Sweetspot

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



15.4264, 16.6264, 21.7985



32.6369, 34.5897, 39.7007



15.9024, 18.7411, 18.3728



7.3676, 7.8148, 9.0232



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.4264, 16.6264, 21.7985



26.2022, 28.3752, 38.8403



14.2558, 14.2853, 21.4083



4.2880, 4.5700, 5.4694



6.0259, 5.8703, 21.0654



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4026, 15.2986, 18.3089



28.3016, 25.6155, 31.3140



18.1010, 19.7298, 15.6864



4.4182, 4.3804, 5.0068



9.9186, 4.9871, 6.1609



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4259, 16.6257, 21.7981 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 15.4259, 16.6257, 21.7981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

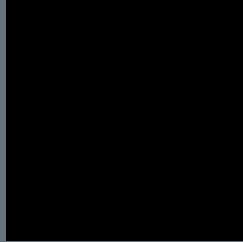
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

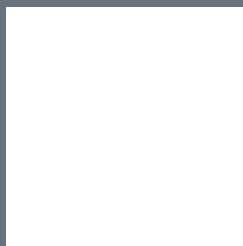
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4259, 16.6257, 21.7981

Background



This preview shows how black text looks on a background with the XYZ color 15.4259, 16.6257, 21.7981.



This preview shows how white text looks on a background with the XYZ color 15.4259, 16.6257,

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

15.4259, 16.6257, 21.7981

Protanopia

16.0514, 16.4631, 21.0706

Deuteranopia

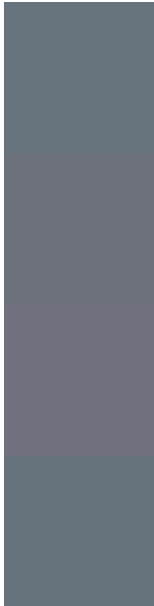
16.8130, 16.5098, 22.0392



Tritanopia

15.3623, 16.6003, 21.4633

Trichromacy



Original Color

15.4259, 16.6257, 21.7981

Protanomaly

15.8499, 16.5167, 21.4214

Deuteranomaly

16.3701, 16.6054, 22.0810

Tritanomaly

15.3623, 16.6003, 21.4633

Monochromacy



Original Color

15.4259, 16.6257, 21.7981

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5349, 16.5702, 19.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4259, 16.6257, 21.7981 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(103, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(103, 115, 125)  
}
```

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(103, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 115, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.4259, 16.6257, 21.7981 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(103, 115, 125) }
```


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

```
.border{ border-color:rgb(103, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(103, 115,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4259, 16.6257, 21.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 115, 125) }
```

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

```
.background{ background-color: rgb(103,  
115, 125) }
```

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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