

Converting Colors

XYZ(15.2012, 15.5101, 27.4295)

Have a look what the booklet for
XYZ(15.2012, 15.5101, 27.4295)
contains.

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Color

**XYZ(15.2075, 15.5617,
27.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	606E8D
RGB	96, 110, 141
RGB Percent	38%, 43%, 55%
CMY	0.6235, 0.5686, 0.4471
CMYK	0.32, 0.22, 0.00, 0.45
HSL	221°, 19%, 46%
HSV	221°, 32%, 55%
XYZ	15.2075, 15.5617, 27.4015
YIQ	109.3480, -18.2950, 6.6730

Conversions

Conversions Part 2

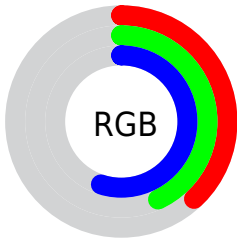
Format	Color
R_{YB}	96, 107, 141
Decimal	6319757
CIE _{Lab}	46.39, 2.50, -18.69
CIE _{LCh}	46, 18.861, 277.621
Yxy	15.5617, 0.2614, 0.2675
Android (android.graphics.Color)	4284509837 (0xFF606E8D)
YUV	109.3480, 15.6044, -11.7062
Hunter-Lab	39.4483, -0.2220, -13.5701

Details

The XYZ color **15.2075, 15.5617, 27.4015** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.6855, 21.6863, 14.1625**, and the grayscale version is **14.5958, 15.3559, 16.7226**.

A 20% lighter version of the original color is **34.8079, 35.7258, 56.6909**, and **4.8848, 4.9387, 10.5933** is the 20% darker color. If you saturate the color by 10%, you get **12.8638, 12.8824, 27.0081**, and if you desaturate by 10%, it is **17.9332, 18.6092, 27.8463**.

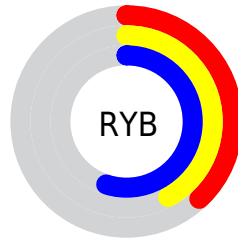
Distribution



Red (38%)

Green (43%)

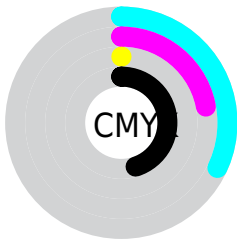
Blue (55%)



Red (38%)

Yellow (42%)

Blue (55%)

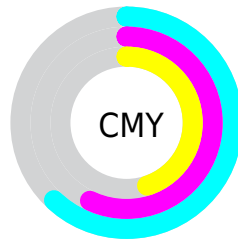


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2075, 15.5617, 27.4015 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 15.2075, 15.5617, 27.4015 by changing the saturation by 10% instead.

■ 15.2075, 15.5617,
27.4015

■ 15.2075, 15.5617,
27.4015

217.9823,
226.7413, 303.4173

■ 9.0524, 9.2145,
17.6399

■ 34.7855, 35.8356,
56.5390

■ 4.8328, 4.8814,
10.5250

■ 48.9390, 50.5311,
76.7520

■ 2.1832, 2.1778,
5.6383

■ 66.4895, 68.7782,
101.2859

■ 0.7339, 0.7079,
2.5612

■ 87.8022, 90.9613,
130.5592

■ 0.0000, 0.0000,
0.8723

113.2424,
117.4648, 164.9904

■ 0.0000, 0.0000,
0.0000

143.1756,

148.6730, 204.9982

177.9672,
184.9704, 251.0010

■ 15.2075, 15.5617,
27.4015

■ 15.2075, 15.5617,
27.4015

■ 12.8638, 12.8824,
27.0081

■ 17.9332, 18.6092,
27.8463

■ 10.8828, 10.5547,
26.6633

■ 21.0560, 22.0369,
28.3434

■ 9.2453, 8.5636,
26.3652

■ 24.5923, 25.8585,
28.8946

■ 7.9302, 6.8917,
26.1119

■ 28.5566, 30.0865,
29.5018

■ 6.9133, 5.5204,
25.9008

■ 32.9632, 34.7326,
30.1663

■ 6.1668, 4.4283,
25.7293

■ 37.8254, 39.8082,
30.8897

■ 5.7035, 3.7147,
25.6160

■ 43.1560, 45.3244,
31.6735

■ 48.9674, 51.2915,
32.5190

■ 55.2713, 57.7198,
33.4275

Harmonies

Analogous

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



13.6375, 15.5617, 26.5933



15.2075, 15.5617, 27.4015



16.7730, 15.5617, 25.0287

Triad

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



15.2075, 15.5617, 27.4015



17.3952, 15.5617, 12.0652



12.0960, 15.5617, 13.7724

Complementary

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



15.2075, 15.5617, 27.4015



20.6855, 21.6863, 14.1625

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.



12.9715, 15.5617, 10.8199



15.2075, 15.5617, 27.4015



16.0076, 15.5617, 9.9669

Square

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



15.2075, 15.5617, 27.4015



18.0947, 15.5617, 15.7893



14.3820, 15.5617, 9.5567



11.9160, 15.5617, 18.1537

Rectangle

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



15.2075, 15.5617, 27.4015



17.5777, 15.5617, 22.1787



14.3820, 15.5617, 9.5567



12.3154, 15.5617, 12.6055

Sweetspot

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



15.2080, 15.5623, 27.4019



38.7307, 40.5768, 50.9186



18.1636, 23.0627, 23.4880



8.4846, 8.8825, 11.3467



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.2080, 15.5623, 27.4019



24.2667, 24.4886, 48.5757



14.7290, 13.2474, 26.9803



5.2580, 5.5117, 6.8155



5.2134, 3.4128, 23.3610



0.0677, 0.0684, 0.2293

Inverse Universe

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



17.9823, 15.1547, 16.7298



30.0810, 23.9022, 26.1490



21.2700, 24.8608, 14.7444



5.4737, 5.4500, 5.9924



10.4346, 5.3309, 2.6740



0.1088, 0.0546, 0.0731

Previews

White Background



This preview shows how the XYZ color 15.2075, 15.5617, 27.4015 looks on a white background.

Color Contrast Check

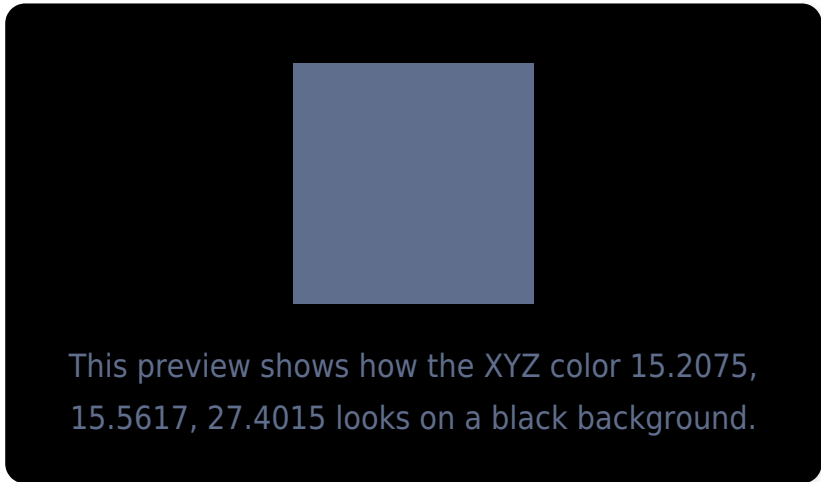
Large Text (above 18pt) WCAG AA ✓ Pass

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

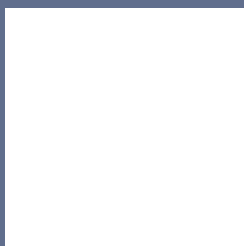
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2075, 15.5617, 27.4015

Background



This preview shows how black text looks on a background with the XYZ color 15.2075, 15.5617, 27.4015.

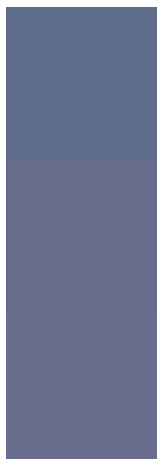


This preview shows how white text looks on a background with the XYZ color 15.2075, 15.5617,

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

15.2075, 15.5617, 27.4015

Protanopia

15.6818, 15.6555, 27.0062

Deuteranopia

15.8792, 15.5913, 27.3718



Tritanopia

13.8316, 15.4907, 20.6734

Trichromacy



Original Color

15.2075, 15.5617, 27.4015

Protanomaly

15.4578, 15.5401, 26.9958

Deuteranomaly

15.6432, 15.6271, 27.3911

Tritanomaly

14.2708, 15.5005, 23.0086

Monochromacy



Original Color

15.2075, 15.5617, 27.4015

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6287, 15.2608, 20.2638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2075, 15.5617, 27.4015 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(96, 110, 141) looks like.

```
.text, #text, p{  
    color:rgb(96, 110, 141)  
}
```

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(96, 110, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 110, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.2075, 15.5617, 27.4015 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(96, 110, 141) }
```


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

```
.border{ border-color:rgb(96, 110, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 110, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 110, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 110, 141);  
box-shadow:4px 4px 4px 4px rgb(96, 110,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2075, 15.5617, 27.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 110, 141) }
```

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

```
.background{ background-color: rgb(96, 110,  
141) }
```

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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