

Converting Colors

XYZ(15.2836, 15.8393, 26.4750)

Have a look what the booklet for
XYZ(15.2836, 15.8393, 26.4750)
contains.

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Color

**XYZ(15.2016, 15.7452,
26.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	616F8A
RGB	97, 111, 138
RGB Percent	38%, 44%, 54%
CMY	0.6196, 0.5647, 0.4588
CMYK	0.30, 0.20, 0.00, 0.46
HSL	220°, 17%, 46%
HSV	220°, 30%, 54%
XYZ	15.2016, 15.7452, 26.2827
YIQ	109.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

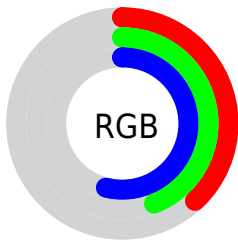
Format	Color
R_{YB}	97, 107, 138
Decimal	6385546
CIE Lab	46.64, 1.41, -16.53
CIE LCh	47, 16.591, 274.887
Yxy	15.7452, 0.2656, 0.2751
Android (android.graphics.Color)	4284575626 (0xFF616F8A)
YUV	109.8920, 13.8572, -11.3063
Hunter-Lab	39.6802, -1.0566, -11.4953

Details

The XYZ color **15.2016, 15.7452, 26.2827** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.8468, 20.6818, 14.2556**, and the grayscale version is **14.7555, 15.5239, 16.9055**.

A 20% lighter version of the original color is **34.7139, 36.2519, 54.4579**, and **4.8056, 4.9126, 9.9275** is the 20% darker color. If you saturate the color by 10%, you get **12.9156, 13.1691, 25.9062**, and if you desaturate by 10%, it is **17.8454, 18.6562, 26.7055**.

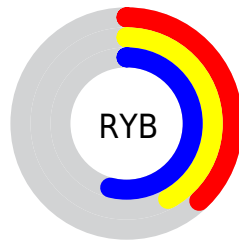
Distribution



Red (38%)

Green (44%)

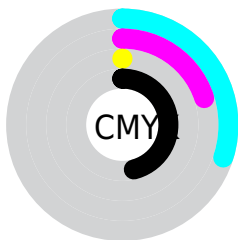
Blue (54%)



Red (38%)

Yellow (42%)

Blue (54%)

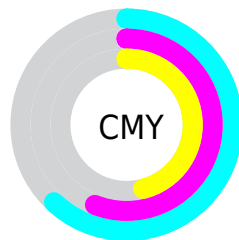


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2016, 15.7452, 26.2827 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 15.2016, 15.7452, 26.2827 by changing the saturation by 10% instead.

■ 15.2016, 15.7452,
26.2827

■ 15.2016, 15.7452,
26.2827

217.9475,
227.8335, 297.8166

■ 9.0482, 9.3440,
16.8076

■ 34.7752, 36.1553,
54.7203

■ 4.8300, 4.9663,
9.9369

■ 48.9262, 50.9330,
74.5199

■ 2.1816, 2.2275,
5.2521

■ 66.4737, 69.2717,
98.5981

■ 0.7330, 0.7349,
2.3346

■ 87.7832, 91.5557,
127.3734

■ 0.0000, 0.0000,
0.7505

113.2199,
118.1695, 161.2644

■ 0.0000, 0.0000,
0.0000

143.1493,

149.4975, 200.6895

177.9367,
185.9240, 246.0674

■ 15.2016, 15.7452,
26.2827

■ 15.2016, 15.7452,
26.2827

■ 12.9156, 13.1691,
25.9062

■ 17.8454, 18.6562,
26.7055

■ 10.9695, 10.9133,
25.5734

■ 20.8605, 21.9123,
27.1751

■ 9.3463, 8.9646,
25.2828

■ 24.2618, 25.5256,
27.6933

■ 8.0268, 7.3081,
25.0326

■ 28.0628, 29.5071,
28.2614

■ 6.9893, 5.9276,
24.8208

■ 32.2762, 33.8670,
28.8809

■ 6.2091, 4.8048,
24.6452

■ 36.9143, 38.6155,
29.5530

■ 5.6247, 3.9019,
24.5017

■ 41.9888, 43.7620,
30.2789

■ 5.6090, 3.8781,
24.4980

■ 47.5109, 49.3159,
31.0599

■ 53.4915, 55.2861,
31.8970

Harmonies

Analogous

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



13.8247, 15.7452, 25.3394



15.2016, 15.7452, 26.2827



16.5994, 15.7452, 24.4760

Triad

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



15.2016, 15.7452, 26.2827



17.3444, 15.7452, 13.0102



12.6037, 15.7452, 14.0045

Complementary

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



15.2016, 15.7452, 26.2827



19.8468, 20.6818, 14.2556

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.



13.4422, 15.7452, 11.4451



15.2016, 15.7452, 26.2827



16.1670, 15.7452, 10.9386

Square

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



15.2016, 15.7452, 26.2827



17.8859, 15.7452, 16.4795



14.7315, 15.7452, 10.4150



12.3814, 15.7452, 17.8258

Rectangle

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



15.2016, 15.7452, 26.2827



17.3375, 15.7452, 22.1019



14.7315, 15.7452, 10.4150



12.8201, 15.7452, 12.9890

Sweetspot

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



15.2021, 15.7458, 26.2831



37.0631, 38.9376, 47.9454



17.6346, 22.1651, 22.3021



8.1511, 8.5600, 10.7290



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.2021, 15.7458, 26.2831



23.8870, 24.4882, 45.8509



14.4732, 13.2772, 25.8450



4.9052, 5.1534, 6.3420



5.1552, 3.5807, 22.4651



0.0468, 0.0490, 0.1534

Inverse Universe

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



17.6256, 15.1008, 17.0253



28.9765, 23.3959, 26.3498



20.7387, 23.9338, 14.8363



5.0988, 5.0749, 5.6086



10.0889, 5.1457, 2.9726



0.0734, 0.0367, 0.0532

Previews

White Background



This preview shows how the XYZ color 15.2016, 15.7452, 26.2827 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 15.2016, 15.7452, 26.2827 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

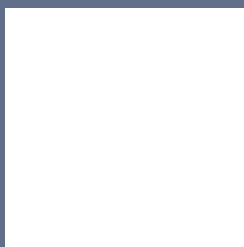
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2016, 15.7452, 26.2827

Background



This preview shows how black text looks on a background with the XYZ color 15.2016, 15.7452, 26.2827.



This preview shows how white text looks on a background with the XYZ color 15.2016, 15.7452,

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

15.2016, 15.7452, 26.2827

Protanopia

15.6929, 15.6865, 25.8676

Deuteranopia

15.9666, 15.6534, 26.6060



Tritanopia

14.2086, 15.8444, 21.0483

Trichromacy



Original Color

15.2016, 15.7452, 26.2827

Protanomaly

15.4581, 15.7247, 25.8874

Deuteranomaly

15.7224, 15.6849, 26.6249

Tritanomaly

14.5207, 15.8017, 22.7068

Monochromacy



Original Color

15.2016, 15.7452, 26.2827

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7918, 15.5112, 19.9836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2016, 15.7452, 26.2827 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(97, 111, 138) looks like.

```
.text, #text, p{  
    color:rgb(97, 111, 138)  
}
```

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(97, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 111, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.2016, 15.7452, 26.2827 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(97, 111, 138) }
```


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

```
.border{ border-color:rgb(97, 111, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(97, 111,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2016, 15.7452, 26.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 111, 138) }
```

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

```
.background{ background-color: rgb(97, 111,  
138) }
```

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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