

Converting Colors

XYZ(15.2985, 15.1653, 30.1841)

Have a look what the booklet for
XYZ(15.2985, 15.1653, 30.1841)
contains.

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Color

**XYZ(15.3240, 15.2429,
30.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6C94
RGB	94, 108, 148
RGB Percent	37%, 42%, 58%
CMY	0.6314, 0.5765, 0.4196
CMYK	0.36, 0.27, 0.00, 0.42
HSL	224°, 22%, 47%
HSV	224°, 36%, 58%
XYZ	15.3240, 15.2429, 30.1515
YIQ	108.3740, -21.1840, 9.4720

Conversions

Conversions Part 2

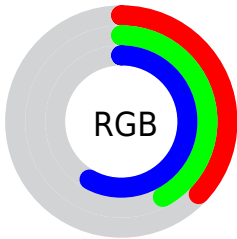
Format	Color
R _Y B	94, 105, 148
Decimal	6188180
CIE Lab	45.97, 5.04, -23.52
CIE LCh	46, 24.058, 282.097
Yxy	15.2429, 0.2524, 0.2510
Android (android.graphics.Color)	4284378260 (0xFF5E6C94)
YUV	108.3740, 19.5356, -12.6060
Hunter-Lab	39.0422, 1.7373, -18.4590

Details

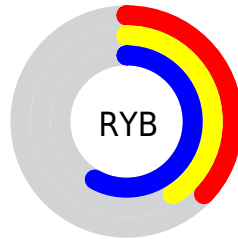
The XYZ color **15.3240, 15.2429, 30.1515** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.7588, 24.1550, 14.0533**, and the grayscale version is **14.3104, 15.0556, 16.3956**.

A 20% lighter version of the original color is **34.9129, 35.1715, 60.8258**, and **4.9086, 4.7584, 11.9690** is the 20% darker color. If you saturate the color by 10%, you get **12.8650, 12.3656, 29.7260**, and if you desaturate by 10%, it is **18.2205, 18.5622, 30.6398**.

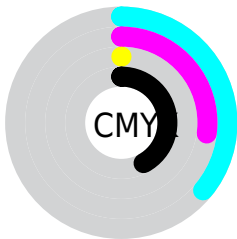
Distribution



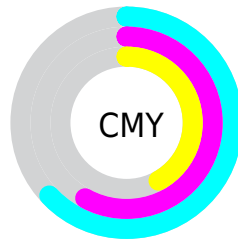
- Red (37%)
- Green (42%)
- Blue (58%)



- Red (37%)
- Yellow (41%)
- Blue (58%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3240, 15.2429, 30.1515 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 15.3240, 15.2429, 30.1515 by changing the saturation by 10% instead.

■ 15.3240, 15.2429,
30.1515

■ 15.3240, 15.2429,
30.1515

218.6687,
224.8318, 316.8393

■ 9.1349, 8.9900,
19.7006

■ 34.9876, 35.2787,
60.9655

■ 4.8871, 4.7347,
11.9957

■ 49.1928, 49.8305,
82.1657

■ 2.2152, 2.0924,
6.6182

■ 66.8007, 67.9174,
107.7861

■ 0.7508, 0.6604,
3.1497

■ 88.1767, 89.9237,
138.2451

■ 0.0000, 0.0000,
1.1716

113.6861,
116.2339, 173.9614

■ 0.0000, 0.0000,
0.0000

143.6944,

147.2324, 215.3535

178.5668,
183.3035, 262.8400

■ 15.3240, 15.2429,
30.1515

■ 15.3240, 15.2429,
30.1515

■ 12.8650, 12.3656,
29.7260

■ 18.2205, 18.5622,
30.6398

■ 10.8198, 9.9093,
29.3597

■ 21.5734, 22.3399,
31.1923

■ 9.1649, 7.8536,
29.0501

■ 25.4023, 26.5936,
31.8115

■ 7.8736, 6.1756,
28.7943

■ 29.7253, 31.3396,
32.4997

■ 6.9155, 4.8501,
28.5889

■ 34.5594, 36.5931,
33.2590

■ 6.2463, 3.8435,
28.4299

■ 39.9209, 42.3689,
34.0912

■ 6.0503, 3.5480,
28.3832

■ 45.8252, 48.6812,
34.9984

■ 52.2873, 55.5433,
35.9824

■ 59.3214, 62.9685,
37.0448

Harmonies

Analogous

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



13.3175, 15.2429, 29.7160



15.3240, 15.2429, 30.1515



17.2742, 15.2429, 26.3841

Triad

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



15.3240, 15.2429, 30.1515



17.5914, 15.2429, 10.1579



11.0726, 15.2429, 13.3833

Complementary

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



15.3240, 15.2429, 30.1515



22.7588, 24.1550, 14.0533

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.



12.0186, 15.2429, 9.5900



15.3240, 15.2429, 30.1515



15.7250, 15.2429, 8.0505

Square

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



15.3240, 15.2429, 30.1515



18.6631, 15.2429, 14.3562



13.6828, 15.2429, 7.8704



10.9871, 15.2429, 19.0594

Rectangle

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



15.3240, 15.2429, 30.1515



18.2305, 15.2429, 22.4163



13.6828, 15.2429, 7.8704



11.2961, 15.2429, 11.8834

Sweetspot

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



15.3245, 15.2435, 30.1519



41.5151, 43.2623, 55.5970



19.4817, 25.2700, 26.2596



9.2908, 9.6689, 12.6614



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.3245, 15.2435, 30.1519



23.3461, 22.5829, 52.5630



15.3641, 13.2453, 29.7641



5.6145, 5.8629, 7.3055



5.1875, 3.0698, 24.2502



0.0846, 0.0798, 0.3038

Inverse Universe

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



18.9227, 15.3847, 16.1601



30.7737, 23.2278, 23.6009



22.6669, 27.1725, 14.6406



5.8589, 5.8386, 6.3629



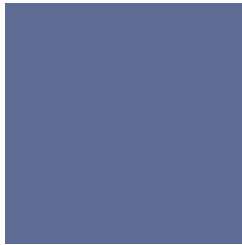
10.7455, 5.5033, 2.1409



0.1422, 0.0716, 0.0823

Previews

White Background



This preview shows how the XYZ color 15.3240, 15.2429, 30.1515 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 15.3240, 15.2429, 30.1515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

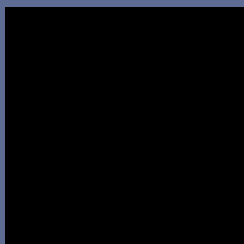
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

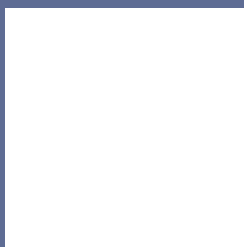
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3240, 15.2429, 30.1515

Background



This preview shows how black text looks on a background with the XYZ color 15.3240, 15.2429, 30.1515.



This preview shows how white text looks on a background with the XYZ color 15.3240, 15.2429,

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

15.3240, 15.2429, 30.1515

Protanopia

15.4539, 15.1634, 29.7161

Deuteranopia

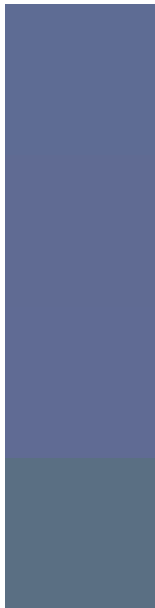
15.5328, 15.1949, 30.1312



Tritanopia

13.4425, 15.2901, 20.6551

Trichromacy



Original Color

15.3240, 15.2429, 30.1515

Protanomaly

15.3480, 15.1088, 29.7111

Deuteranomaly

15.4269, 15.1403, 30.1263

Tritanomaly

13.9976, 15.1812, 23.6652

Monochromacy



Original Color

15.3240, 15.2429, 30.1515

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5312, 15.0387, 20.8758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3240, 15.2429, 30.1515 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(94, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(94, 108, 148)  
}
```

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(94, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 108, 148) }
```

Border

The CSS property to change the border of an element to XYZ 15.3240, 15.2429, 30.1515 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(94, 108, 148) }
```


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

```
.border{ border-color:rgb(94, 108, 148) }
```

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

Here you see how a box with a 4 pixel rgb(94, 108, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(94, 108,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3240, 15.2429, 30.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 108, 148) }
```

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

```
.background{ background-color: rgb(94, 108,  
148) }
```

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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