

Converting Colors

XYZ(15.3399, 15.2687, 28.5551)

Have a look what the booklet for
XYZ(15.3399, 15.2687, 28.5551)
contains.

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Color

**XYZ(15.3264, 15.2801,
28.5271)**

Conversions

Conversions Part 1

Format	Color
Hex	616C90
RGB	97, 108, 144
RGB Percent	38%, 42%, 56%
CMY	0.6196, 0.5765, 0.4353
CMYK	0.33, 0.25, 0.00, 0.44
HSL	226°, 20%, 47%
HSV	226°, 33%, 56%
XYZ	15.3264, 15.2801, 28.5271
YIQ	108.8150, -18.1120, 8.8640

Conversions

Conversions Part 2

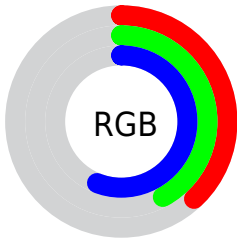
Format	Color
R _Y B	97, 106, 144
Decimal	6384784
CIE Lab	46.02, 4.84, -21.05
CIE LCh	46, 21.602, 282.945
Yxy	15.2801, 0.2592, 0.2584
Android (android.graphics.Color)	4284574864 (0xFF616C90)
YUV	108.8150, 17.3462, -10.3618
Hunter-Lab	39.0898, 1.5796, -15.9061

Details

The XYZ color **15.3264, 15.2801, 28.5271** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.0472, 23.5679, 14.6970**, and the grayscale version is **14.4400, 15.1920, 16.5441**.

A 20% lighter version of the original color is **34.9856, 35.2631, 58.3886**, and **4.8635, 4.7562, 11.0176** is the 20% darker color. If you saturate the color by 10%, you get **12.8385, 12.3788, 28.0985**, and if you desaturate by 10%, it is **18.2411, 18.6206, 29.0185**.

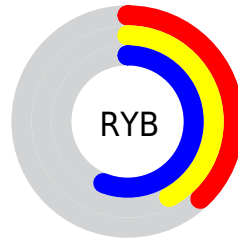
Distribution



Red (38%)

Green (42%)

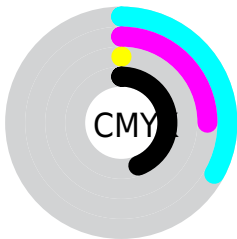
Blue (56%)



Red (38%)

Yellow (42%)

Blue (56%)

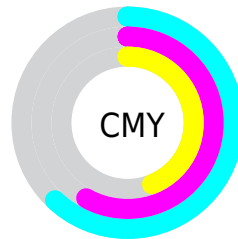


Cyan (33%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3264, 15.2801, 28.5271 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 15.3264, 15.2801, 28.5271 by changing the saturation by 10% instead.

■ 15.3264, 15.2801,
28.5271

■ 15.3264, 15.2801,
28.5271

218.6828,
225.0554, 308.9679

■ 9.1366, 9.0162,
18.4809

■ 34.9917, 35.3438,
58.3581

■ 4.8882, 4.7518,
11.1228

■ 49.1980, 49.9124,
78.9799

■ 2.2159, 2.1024,
6.0343

■ 66.8071, 68.0180,
103.9640

■ 0.7511, 0.6659,
2.7968

■ 88.1844, 90.0451,
133.7290

■ 0.0000, 0.0000,
0.9918

113.6953,
116.3780, 168.6933

■ 0.0000, 0.0000,
0.0000

143.7051,

147.4010, 209.2756

178.5791,
183.4987, 255.8942

■ 15.3264, 15.2801,
28.5271

■ 15.3264, 15.2801,
28.5271

■ 12.8385, 12.3788,
28.0985

■ 18.2411, 18.6206,
29.0185

■ 10.7553, 9.8962,
27.7291

■ 21.6001, 22.4160,
29.5741

■ 9.0549, 7.8127,
27.4166

■ 25.4219, 26.6835,
30.1964

■ 7.7129, 6.1064,
27.1579

■ 29.7236, 31.4390,
30.8875

■ 6.7014, 4.7531,
26.9500

■ 34.5211, 36.6972,
31.6496

■ 5.9886, 3.7254,
26.7893

■ 39.8297, 42.4727,
32.4846

■ 5.5976, 3.1407,
26.6970

■ 45.6642, 48.7791,
33.3944

■ 52.0385, 55.6298,
34.3807

■ 58.9663, 63.0373,
35.4454

Harmonies

Analogous

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



13.5149, 15.2801, 28.2598



15.3264, 15.2801, 28.5271



17.0566, 15.2801, 25.1644

Triad

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



15.3264, 15.2801, 28.5271



17.2562, 15.2801, 10.6696



11.4105, 15.2801, 13.8517

Complementary

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



15.3264, 15.2801, 28.5271



22.0472, 23.5679, 14.6970

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.



12.2541, 15.2801, 10.2938



15.3264, 15.2801, 28.5271



15.5806, 15.2801, 8.7391

Square

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



15.3264, 15.2801, 28.5271



18.2322, 15.2801, 14.4792



13.7487, 15.2801, 8.6178



11.3549, 15.2801, 19.0002

Rectangle

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



15.3264, 15.2801, 28.5271



17.8901, 15.2801, 21.6584



13.7487, 15.2801, 8.6178



11.6078, 15.2801, 12.4594

Sweetspot

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



15.3269, 15.2807, 28.5275



39.6604, 41.2892, 52.4173



19.0855, 24.1611, 25.5777



8.9080, 9.2590, 11.9899



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.3269, 15.2807, 28.5275



23.8150, 23.2088, 49.7626



15.5853, 13.7990, 28.2279



5.2257, 5.4472, 6.8048



4.8903, 2.7667, 23.2534



0.0613, 0.0556, 0.2272

Inverse Universe

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



18.4835, 15.5620, 16.2175



30.3188, 24.0179, 24.3483



21.6862, 25.7356, 15.1344



5.4574, 5.4435, 5.9067



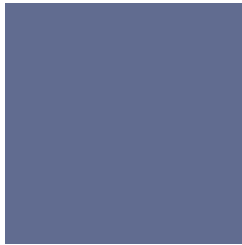
10.2715, 5.2656, 1.8153



0.1056, 0.0533, 0.0561

Previews

White Background



This preview shows how the XYZ color 15.3264, 15.2801, 28.5271 looks on a white background.

Color Contrast Check

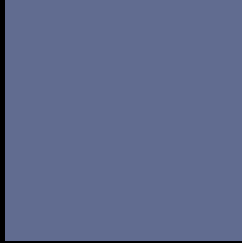
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3264, 15.2801, 28.5271 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

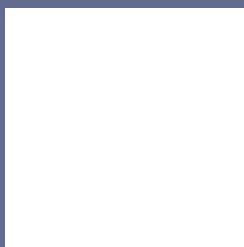
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3264, 15.2801, 28.5271

Background



This preview shows how black text looks on a background with the XYZ color 15.3264, 15.2801, 28.5271.

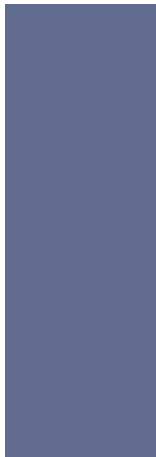


This preview shows how white text looks on a background with the XYZ color 15.3264, 15.2801,

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

15.3264, 15.2801, 28.5271

Protanopia

15.5422, 15.3914, 28.5372

Deuteranopia

15.5473, 15.2383, 28.5074



Tritanopia

13.6590, 15.2441, 20.3117

Trichromacy



Original Color

15.3264, 15.2801, 28.5271

Protanomaly

15.4336, 15.3354, 28.5321

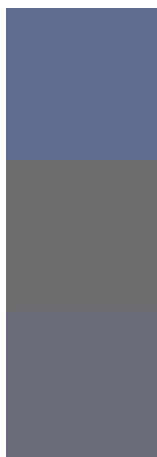
Deuteranomaly

15.4373, 15.1817, 28.5023

Tritanomaly

14.2630, 15.3335, 22.9768

Monochromacy



Original Color

15.3264, 15.2801, 28.5271

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8072, 15.3457, 20.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3264, 15.2801, 28.5271 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, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(97, 108, 144)  
}
```

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, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 108, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.3264, 15.2801, 28.5271 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, 108, 144) }
```


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

```
.border{ border-color:rgb(97, 108, 144) }
```

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

Here you see how a box with a 4 pixel rgb(97, 108, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(97, 108,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3264, 15.2801, 28.5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 108, 144) }
```

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

```
.background{ background-color: rgb(97, 108,  
144) }
```

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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