

Converting Colors

XYZ(15.4448, 15.5041, 28.0713)

Have a look what the booklet for
XYZ(15.4448, 15.5041, 28.0713)
contains.

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Color

**XYZ(15.4636, 15.5171,
28.1667)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 626D8F |
| RGB | 98, 109, 143 |
| RGB Percent | 38%, 43%, 56% |
| CMY | 0.6157, 0.5725, 0.4392 |
| CMYK | 0.31, 0.24, 0.00, 0.44 |
| HSL | 225°, 19%, 47% |
| HSV | 225°, 31%, 56% |
| XYZ | 15.4636, 15.5171, 28.1667 |
| YIQ | 109.5870, -17.4700, 8.2420 |

Conversions

Conversions Part 2

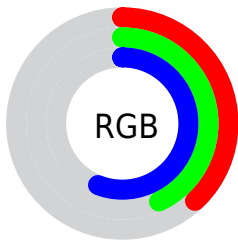
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 98, 107, 143 |
| Decimal | 6450575 |
| CIE _{Lab} | 46.33, 4.27, -19.96 |
| CIE _{LCh} | 46, 20.414, 282.085 |
| Yxy | 15.5171, 0.2614, 0.2623 |
| Android (android.graphics.Color) | 4284640655 (0xFF626D8F) |
| YUV | 109.5870, 16.4726, -10.1618 |
| Hunter-Lab | 39.3918, 1.1363, -14.8205 |

Details

The XYZ color **15.4636, 15.5171, 28.1667** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.7840, 23.2245, 14.8905**, and the grayscale version is **14.6613, 15.4248, 16.7976**.

A 20% lighter version of the original color is **35.2265, 35.6569, 57.8491**, and **4.9650, 4.8885, 11.0378** is the 20% darker color. If you saturate the color by 10%, you get **12.9737, 12.6267, 27.7403**, and if you desaturate by 10%, it is **18.3719, 18.8343, 28.6540**.

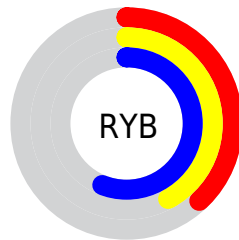
Distribution



Red (38%)

Green (43%)

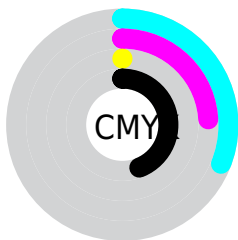
Blue (56%)



Red (38%)

Yellow (42%)

Blue (56%)

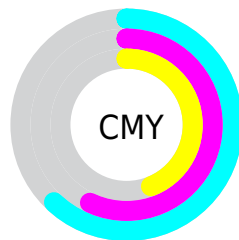


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4636, 15.5171, 28.1667 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 15.4636, 15.5171, 28.1667 by changing the saturation by 10% instead.

■ 15.4636, 15.5171,
28.1667

■ 15.4636, 15.5171,
28.1667

219.4885,
226.4751, 307.1996

■ 9.2338, 9.1831,
18.2112

■ 35.2295, 35.7578,
57.7768

■ 4.9523, 4.8608,
10.9307

■ 49.4963, 50.4333,
78.2685

■ 2.2538, 2.1658,
5.9067

■ 67.1728, 68.6581,
103.1093

■ 0.7709, 0.7013,
2.7206

■ 88.6244, 90.8165,
132.7178

■ 0.0000, 0.0000,
0.9537

114.2164,
117.2931, 167.5126

■ 0.0000, 0.0000,
0.0000

144.3142,

148.4721, 207.9121

179.2831,
184.7380, 254.3349

■ 15.4636, 15.5171,
28.1667

■ 15.4636, 15.5171,
28.1667

■ 12.9737, 12.6267,
27.7403

■ 18.3719, 18.8343,
28.6540

■ 10.8810, 10.1434,
27.3713

■ 21.7155, 22.5931,
29.2033

■ 9.1643, 8.0486,
27.0574

■ 25.5122, 26.8099,
29.8171

■ 7.8002, 6.3218,
26.7960

■ 29.7785, 31.4998,
30.4975

■ 6.7621, 4.9399,
26.5840

■ 34.5298, 36.6771,
31.2464

■ 6.0196, 3.8772,
26.4180

■ 39.7810, 42.3554,
32.0656

■ 5.5577, 3.1826,
26.3083

■ 45.5463, 48.5478,
32.9570

■ 51.8392, 55.2671,
33.9223

■ 58.6728, 62.5254,
34.9631

Harmonies

Analogous

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



13.7384, 15.5171, 27.8118



15.4636, 15.5171, 28.1667



17.1183, 15.5171, 25.0953

Triad

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



15.4636, 15.5171, 28.1667



17.3868, 15.5171, 11.2293



11.7755, 15.5171, 14.1036

Complementary

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



15.4636, 15.5171, 28.1667



21.7840, 23.2245, 14.8905

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.



12.6082, 15.5171, 10.7102



15.4636, 15.5171, 28.1667



15.8070, 15.5171, 9.2905

Square

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



15.4636, 15.5171, 28.1667



18.2860, 15.5171, 14.9589



14.0559, 15.5171, 9.1215



11.6995, 15.5171, 18.9924

Rectangle

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



15.4636, 15.5171, 28.1667



17.9230, 15.5171, 21.8155



14.0559, 15.5171, 9.1215



11.9730, 15.5171, 12.7771

Sweetspot

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



15.4641, 15.5177, 28.1671



40.3643, 42.1066, 52.5380



19.0077, 23.9011, 25.3522



9.0583, 9.4350, 12.0159



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.



15.4641, 15.5177, 28.1671



24.3506, 23.9186, 49.8714



15.6636, 13.9863, 27.8609



5.2300, 5.4559, 6.8062



4.9286, 2.8432, 23.2661



0.0622, 0.0574, 0.2275

Inverse Universe

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



18.4562, 15.6797, 16.5223



30.6773, 24.4991, 25.1952



21.5041, 25.4125, 15.3276



5.4596, 5.4444, 5.9182



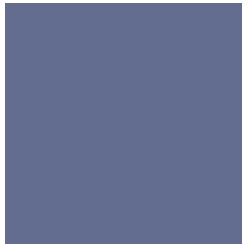
10.2909, 5.2734, 1.9170



0.1060, 0.0535, 0.0584

Previews

White Background



This preview shows how the XYZ color 15.4636, 15.5171, 28.1667 looks on a white background.

Color Contrast Check

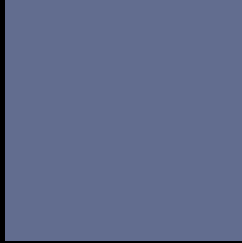
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4636, 15.5171, 28.1667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

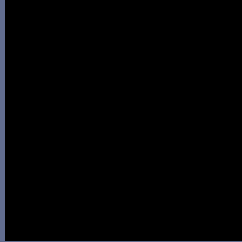
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

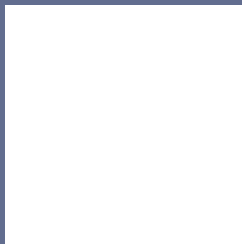
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4636, 15.5171, 28.1667

Background



This preview shows how black text looks on a background with the XYZ color 15.4636, 15.5171, 28.1667.



This preview shows how white text looks on a background with the XYZ color 15.4636, 15.5171,

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

15.4636, 15.5171, 28.1667

Protanopia

15.6873, 15.4750, 28.1468

Deuteranopia

15.8000, 15.5331, 28.1520



Tritanopia

13.9322, 15.5426, 20.6781

Trichromacy



Original Color

15.4636, 15.5171, 28.1667

Protanomaly

15.5760, 15.4176, 28.1416

Deuteranomaly

15.6873, 15.4750, 28.1468

Tritanomaly

14.5427, 15.6329, 23.3701

Monochromacy



Original Color

15.4636, 15.5171, 28.1667

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0326, 15.6212, 20.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4636, 15.5171, 28.1667 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(98, 109, 143) looks like.

```
.text, #text, p{  
    color:rgb(98, 109, 143)  
}
```

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(98, 109, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 109, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.4636, 15.5171, 28.1667 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(98, 109, 143) }
```


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

```
.border{ border-color:rgb(98, 109, 143) }
```

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

Here you see how a box with a 4 pixel rgb(98, 109, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 109, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 109, 143);  
box-shadow:4px 4px 4px 4px rgb(98, 109,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4636, 15.5171, 28.1667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 109, 143) }
```

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

```
.background{ background-color: rgb(98, 109,  
143) }
```

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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