

Converting Colors

XYZ(15.1073, 14.8838, 27.2759)

Have a look what the booklet for
XYZ(15.1073, 14.8838, 27.2759)
contains.

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Color

**XYZ(15.1073, 14.8838,
27.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	636A8D
RGB	99, 106, 141
RGB Percent	39%, 42%, 55%
CMY	0.6118, 0.5843, 0.4471
CMYK	0.30, 0.25, 0.00, 0.45
HSL	230°, 17%, 47%
HSV	230°, 30%, 55%
XYZ	15.1073, 14.8838, 27.2759
YIQ	107.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

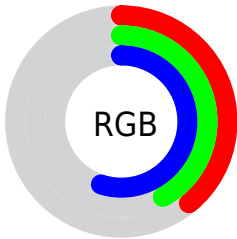
Format	Color
R_{YB}	99, 105, 141
Decimal	6515341
CIE _{Lab}	45.47, 5.87, -20.09
CIE _{LCh}	45, 20.926, 286.283
Yxy	14.8838, 0.2638, 0.2599
Android (android.graphics.Color)	4284705421 (0xFF636A8D)
YUV	107.8970, 16.3198, -7.8027
Hunter-Lab	38.5795, 2.3844, -14.9126

Details

The XYZ color **15.1073, 14.8838, 27.2759** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.7619, 23.6138, 15.2157**, and the grayscale version is **14.1842, 14.9229, 16.2510**.

A 20% lighter version of the original color is **34.6698, 34.6334, 56.4874**, and **4.8175, 4.5871, 10.5290** is the 20% darker color. If you saturate the color by 10%, you get **12.5703, 11.9002, 26.8340**, and if you desaturate by 10%, it is **18.0802, 18.3391, 27.7864**.

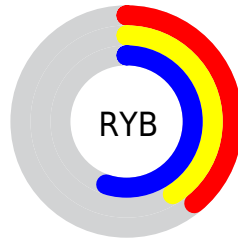
Distribution



Red (39%)

Green (42%)

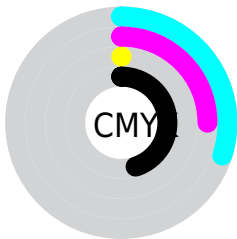
Blue (55%)



Red (39%)

Yellow (41%)

Blue (55%)

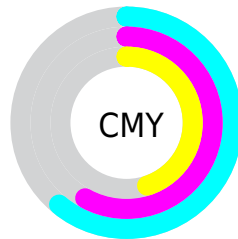


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1073, 14.8838, 27.2759 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 15.1073, 14.8838, 27.2759 by changing the saturation by 10% instead.

■ 15.1073, 14.8838,
27.2759

■ 15.1073, 14.8838,
27.2759

217.3903,
222.6618, 302.7928

■ 8.9815, 8.7379,
17.5463

■ 34.6114, 34.6492,
56.3354

■ 4.7862, 4.5706,
10.4587

■ 48.7205, 49.0375,
76.5023

■ 2.1558, 1.9976,
5.5946

■ 66.2213, 66.9420,
100.9855

■ 0.7193, 0.6061,
2.5354

■ 87.4794, 88.7471,
130.2033

■ 0.0000, 0.0000,
0.8588

112.8599,
114.8373, 164.5745

■ 0.0000, 0.0000,
0.0000

142.7284,

145.5968, 204.5174

177.4500,
181.4102, 250.4507

■ 15.1073, 14.8838,
27.2759

■ 15.1073, 14.8838,
27.2759

■ 12.5703, 11.9002,
26.8340

■ 18.0802, 18.3391,
27.7864

■ 10.4471, 9.3659,
26.4567

■ 21.5067, 22.2837,
28.3672

■ 8.7157, 7.2594,
26.1414

■ 25.4056, 26.7363,
29.0211

■ 7.3515, 5.5564,
25.8846

■ 29.7940, 31.7143,
29.7507

■ 6.3272, 4.2305,
25.6826

■ 34.6881, 37.2342,
30.5582

■ 5.6111, 3.2516,
25.5314

■ 40.1034, 43.3117,
31.4459

■ 5.1331, 2.5682,
25.4247

■ 46.0547, 49.9619,
32.4158

■ 5.1243, 2.5561,
25.4228

■ 52.5564, 57.1993,
33.4701

■ 59.6221, 65.0380,
34.6107

Harmonies

Analogous

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



13.3667, 14.8838, 27.4336



15.1073, 14.8838, 27.2759



16.7099, 14.8838, 23.7857

Triad

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



15.1073, 14.8838, 27.2759



16.5916, 14.8838, 10.2112



11.1340, 14.8838, 14.0348

Complementary

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



15.1073, 14.8838, 27.2759



21.7619, 23.6138, 15.2157

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.



11.8598, 14.8838, 10.4363



15.1073, 14.8838, 27.2759



14.9563, 14.8838, 8.5552

Square

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



15.1073, 14.8838, 27.2759



17.6138, 14.8838, 13.6608



13.2275, 14.8838, 8.6281



11.1672, 14.8838, 19.0490

Rectangle

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



15.1073, 14.8838, 27.2759



17.4423, 14.8838, 20.3813



13.2275, 14.8838, 8.6281



11.2946, 14.8838, 12.6437

Sweetspot

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



15.1078, 14.8844, 27.2762



38.9052, 40.3536, 50.8664



18.9252, 23.4044, 25.8194



8.4997, 8.7953, 11.3291



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.



15.1078, 14.8844, 27.2762



23.8013, 22.8356, 48.2811



15.9902, 14.3116, 27.1192



5.1978, 5.3913, 6.7954



4.6809, 2.3477, 23.1835



0.0558, 0.0444, 0.2253

Inverse Universe

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



18.0482, 15.6274, 15.7014



30.0224, 24.5536, 23.7595



20.6343, 24.5168, 15.4494



5.4433, 5.4378, 5.8324



10.1658, 5.2233, 1.2584



0.1027, 0.0522, 0.0413

Previews

White Background



This preview shows how the XYZ color 15.1073, 14.8838, 27.2759 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 15.1073, 14.8838, 27.2759 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 15.1073, 14.8838, 27.2759

Background



This preview shows how black text looks on a background with the XYZ color 15.1073, 14.8838, 27.2759.

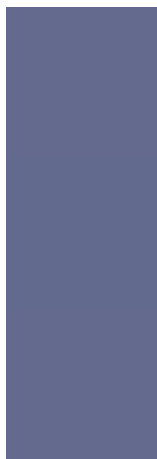


This preview shows how white text looks on a background with the XYZ color 15.1073, 14.8838,

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

15.1073, 14.8838, 27.2759

Protanopia

14.9988, 14.8278, 27.2708

Deuteranopia

15.2173, 14.9405, 27.2811



Tritanopia

13.5218, 14.8635, 19.6090

Trichromacy



Original Color

15.1073, 14.8838, 27.2759

Protanomaly

14.9988, 14.8278, 27.2708

Deuteranomaly

15.2173, 14.9405, 27.2811

Tritanomaly

14.1233, 14.9564, 22.2212

Monochromacy



Original Color

15.1073, 14.8838, 27.2759

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4736, 14.8747, 19.8776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1073, 14.8838, 27.2759 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(99, 106, 141) looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 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(99, 106, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.1073, 14.8838, 27.2759 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(99, 106, 141) }
```


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

```
.border{ border-color:rgb(99, 106, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 106, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1073, 14.8838, 27.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 106, 141) }
```

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

```
.background{ background-color: rgb(99, 106,  
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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