

Converting Colors

XYZ(15.2073, 15.2449, 27.3403)

Have a look what the booklet for
XYZ(15.2073, 15.2449, 27.3403)
contains.

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Color

**XYZ(15.2073, 15.2449,
27.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	626C8D
RGB	98, 108, 141
RGB Percent	38%, 42%, 55%
CMY	0.6157, 0.5765, 0.4471
CMYK	0.30, 0.23, 0.00, 0.45
HSL	226°, 18%, 47%
HSV	226°, 30%, 55%
XYZ	15.2073, 15.2449, 27.3403
YIQ	108.7720, -16.5530, 8.1430

Conversions

Conversions Part 2

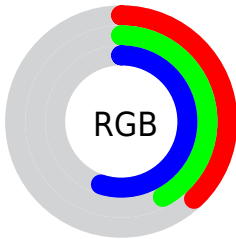
Format	Color
R_{YB}	98, 106, 141
Decimal	6450317
CIE _{Lab}	45.97, 4.34, -19.34
CIE _{LCh}	46, 19.816, 282.645
Yxy	15.2449, 0.2631, 0.2638
Android (android.graphics.Color)	4284640397 (0xFF626C8D)
YUV	108.7720, 15.8884, -9.4470
Hunter-Lab	39.0447, 1.1947, -14.1854

Details

The XYZ color **15.2073, 15.2449, 27.3403** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.3057, 22.7774, 14.8294**, and the grayscale version is **14.4315, 15.1831, 16.5344**.

A 20% lighter version of the original color is **34.8261, 35.2204, 56.5924**, and **4.8725, 4.7709, 10.5616** is the 20% darker color. If you saturate the color by 10%, you get **12.7466, 12.3864, 26.9185**, and if you desaturate by 10%, it is **18.0787, 18.5261, 27.8226**.

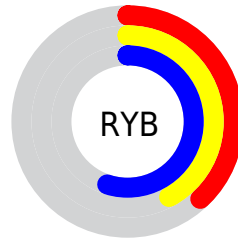
Distribution



Red (38%)

Green (42%)

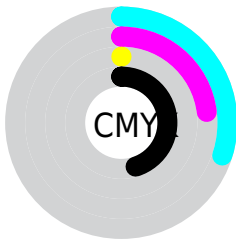
Blue (55%)



Red (38%)

Yellow (42%)

Blue (55%)

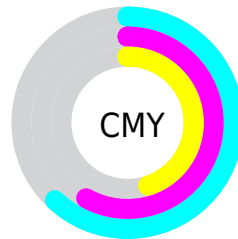


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2073, 15.2449, 27.3403 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 15.2073, 15.2449, 27.3403 by changing the saturation by 10% instead.

■ 15.2073, 15.2449,
27.3403

■ 15.2073, 15.2449,
27.3403

217.9811,
224.8438, 303.1132

■ 9.0523, 8.9914,
17.5943

■ 34.7851, 35.2822,
56.4398

■ 4.8327, 4.7356,
10.4927

■ 48.9386, 49.8349,
76.6304

■ 2.1832, 2.0930,
5.6170

■ 66.4890, 67.9228,
101.1395

■ 0.7338, 0.6607,
2.5486

■ 87.8015, 89.9302,
130.3858

■ 0.0000, 0.0000,
0.8657

113.2417,
116.2416, 164.7878

■ 0.0000, 0.0000,
0.0000

143.1748,

147.2415, 204.7640

177.9661,
183.3140, 250.7329

■ 15.2073, 15.2449,
27.3403

■ 15.2073, 15.2449,
27.3403

■ 12.7466, 12.3864,
26.9185

■ 18.0787, 18.5261,
27.8226

■ 10.6759, 9.9312,
26.5537

■ 21.3771, 22.2448,
28.3665

■ 8.9749, 7.8610,
26.2438

■ 25.1201, 26.4171,
28.9746

■ 7.6206, 6.1554,
25.9860

■ 29.3235, 31.0579,
29.6488

■ 6.5876, 4.7919,
25.7772

■ 34.0025, 36.1813,
30.3911

■ 5.8464, 3.7451,
25.6143

■ 39.1714, 41.8009,
31.2033

■ 5.3459, 2.9993,
25.4967

■ 44.8441, 47.9296,
32.0873

■ 51.0338, 54.5801,
33.0448

■ 57.7534, 61.7643,
34.0773

Harmonies

Analogous

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



13.5490, 15.2449, 27.0672



15.2073, 15.2449, 27.3403



16.7862, 15.2449, 24.3617

Triad

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



15.2073, 15.2449, 27.3403



16.9938, 15.2449, 11.0955



11.6245, 15.2449, 13.9937

Complementary

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



15.2073, 15.2449, 27.3403



21.3057, 22.7774, 14.8294

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.



12.4131, 15.2449, 10.6901



15.2073, 15.2449, 27.3403



15.4732, 15.2449, 9.2521

Square

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



15.2073, 15.2449, 27.3403



17.8698, 15.2449, 14.6583



13.7953, 15.2449, 9.1197



11.5654, 15.2449, 18.7041

Rectangle

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



15.2073, 15.2449, 27.3403



17.5470, 15.2449, 21.2150



13.7953, 15.2449, 9.1197



11.8101, 15.2449, 12.7066

Sweetspot

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



15.2078, 15.2455, 27.3407



39.1099, 40.7629, 50.9346



18.6567, 23.2845, 24.9723



8.5511, 8.8982, 11.3463



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.



15.2078, 15.2455, 27.3407



23.9474, 23.4925, 48.4002



15.5401, 13.9399, 27.0711



5.2251, 5.4460, 6.8045



4.8851, 2.7562, 23.2516



0.0612, 0.0554, 0.2271

Inverse Universe

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



18.0594, 15.4813, 16.2244



30.0071, 24.2068, 24.7299



20.8643, 24.6409, 15.2123



5.4571, 5.4434, 5.9050



10.2689, 5.2646, 1.8013



0.1055, 0.0533, 0.0558

Previews

White Background



This preview shows how the XYZ color 15.2073, 15.2449, 27.3403 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 15.2073, 15.2449, 27.3403 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

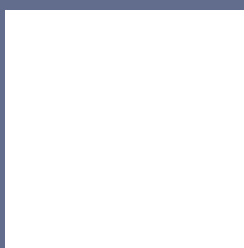
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2073, 15.2449, 27.3403

Background



This preview shows how black text looks on a background with the XYZ color 15.2073, 15.2449, 27.3403.



This preview shows how white text looks on a background with the XYZ color 15.2073, 15.2449,

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

15.2073, 15.2449, 27.3403

Protanopia

15.3209, 15.1478, 27.3156

Deuteranopia

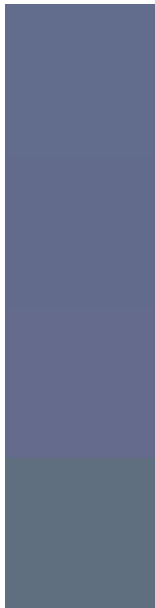
15.5449, 15.2633, 27.3261



Tritanopia

13.8615, 15.3485, 20.3211

Trichromacy



Original Color

15.2073, 15.2449, 27.3403

Protanomaly

15.2110, 15.0911, 27.3105

Deuteranomaly

15.4322, 15.2052, 27.3208

Tritanomaly

14.3000, 15.3603, 22.6332

Monochromacy



Original Color

15.2073, 15.2449, 27.3403

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7455, 15.3210, 20.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2073, 15.2449, 27.3403 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, 108, 141) looks like.

```
.text, #text, p{  
    color:rgb(98, 108, 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(98, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 108, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.2073, 15.2449, 27.3403 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, 108, 141) }
```


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

```
.border{ border-color:rgb(98, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 108, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 108, 141); box-shadow:4px 4px 4px 4px rgb(98, 108, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2073, 15.2449, 27.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 108, 141) }
```

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

```
.background{ background-color: rgb(98, 108,  
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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