

Converting Colors

XYZ(15.2575, 14.9439, 28.0669)

Have a look what the booklet for
XYZ(15.2575, 14.9439, 28.0669)
contains.

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Color

**XYZ(15.2575, 14.9439,
28.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	636A8F
RGB	99, 106, 143
RGB Percent	39%, 42%, 56%
CMY	0.6118, 0.5843, 0.4392
CMYK	0.31, 0.26, 0.00, 0.44
HSL	230°, 18%, 47%
HSV	230°, 31%, 56%
XYZ	15.2575, 14.9439, 28.0669
YIQ	108.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

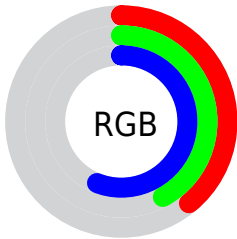
Format	Color
R _Y B	99, 105, 143
Decimal	6515343
CIE Lab	45.56, 6.41, -21.15
CIE LCh	46, 22.100, 286.849
Yxy	14.9439, 0.2618, 0.2565
Android (android.graphics.Color)	4284705423 (0xFF636A8F)
YUV	108.1250, 17.1934, -8.0026
Hunter-Lab	38.6573, 2.8011, -15.9870

Details

The XYZ color **15.2575, 14.9439, 28.0669** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.3841, 24.3488, 15.3247**, and the grayscale version is **14.2458, 14.9877, 16.3216**.

A 20% lighter version of the original color is **34.8975, 34.7245, 57.6865**, and **4.8551, 4.5964, 10.9872** is the 20% darker color. If you saturate the color by 10%, you get **12.6779, 11.9020, 27.6160**, and if you desaturate by 10%, it is **18.2885, 18.4772, 28.5894**.

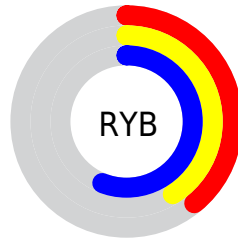
Distribution



Red (39%)

Green (42%)

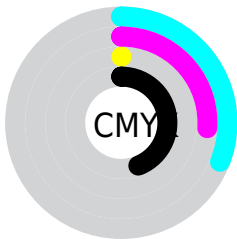
Blue (56%)



Red (39%)

Yellow (41%)

Blue (56%)

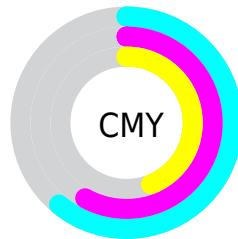


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2575, 14.9439, 28.0669 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 15.2575, 14.9439, 28.0669 by changing the saturation by 10% instead.

■ 15.2575, 14.9439,
28.0669

■ 15.2575, 14.9439,
28.0669

218.2772,
223.0264, 306.7084

■ 9.0878, 8.7800,
18.1366

■ 34.8722, 34.7547,
57.6156

■ 4.8561, 4.5980,
10.8777

■ 49.0480, 49.1705,
78.0711

■ 2.1969, 2.0134,
5.8715

■ 66.6231, 67.1056,
102.8721

■ 0.7411, 0.6152,
2.6996

■ 87.9630, 88.9446,
132.4372

■ 0.0000, 0.0000,
0.9432

113.4330,
115.0718, 167.1848

■ 0.0000, 0.0000,
0.0000

143.3985,

145.8715, 207.5335

178.2247,
181.7283, 253.9019

■ 15.2575, 14.9439,
28.0669

■ 15.2575, 14.9439,
28.0669

■ 12.6779, 11.9020,
27.6160

■ 18.2885, 18.4772,
28.5894

■ 10.5266, 9.3278,
27.2325

■ 21.7897, 22.5206,
29.1853

■ 8.7802, 7.1982,
26.9135

■ 25.7808, 27.0940,
29.8577

■ 7.4129, 5.4877,
26.6554

■ 30.2796, 32.2158,
30.6092

■ 6.3956, 4.1677,
26.4542

■ 35.3033, 37.9034,
31.4423

■ 5.6948, 3.2060,
26.3055

■ 40.8681, 44.1735,
32.3592

■ 5.2595, 2.5863,
26.2088

■ 46.9896, 51.0420,
33.3623

■ 53.6827, 58.5243,
34.4538

■ 60.9618, 66.6352,
35.6357

Harmonies

Analogous

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



13.4115, 14.9439, 28.3118



15.2575, 14.9439, 28.0669



16.9535, 14.9439, 24.2600

Triad

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



15.2575, 14.9439, 28.0669



16.7719, 14.9439, 9.9253



11.0204, 14.9439, 14.0667

Complementary

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



15.2575, 14.9439, 28.0669



22.3841, 24.3488, 15.3247

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.



11.7686, 14.9439, 10.2627



15.2575, 14.9439, 28.0669



15.0266, 14.9439, 8.2448

Square

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



15.2575, 14.9439, 28.0669



17.8785, 14.9439, 13.4994



13.1996, 14.9439, 8.3532



11.0705, 14.9439, 19.3990

Rectangle

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



15.2575, 14.9439, 28.0669



17.7234, 14.9439, 20.6036



13.1996, 14.9439, 8.3532



11.1839, 14.9439, 12.5934

Sweetspot

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



15.2580, 14.9445, 28.0672



40.0907, 41.5593, 52.4468



19.3886, 24.0660, 26.7921



8.9875, 9.2935, 11.9923



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.



15.2580, 14.9445, 28.0672



24.0017, 22.8519, 49.6839



16.3162, 14.4623, 27.9184



5.1946, 5.3850, 6.7944



4.6613, 2.3086, 23.1770



0.0551, 0.0432, 0.2251

Inverse Universe

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



18.3914, 15.8043, 15.7175



30.5912, 24.8092, 23.6792



21.0272, 25.1611, 15.5531



5.4417, 5.4372, 5.8241



10.1559, 5.2194, 1.2064



0.1024, 0.0520, 0.0396

Previews

White Background



This preview shows how the XYZ color 15.2575, 14.9439, 28.0669 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 15.2575, 14.9439, 28.0669 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

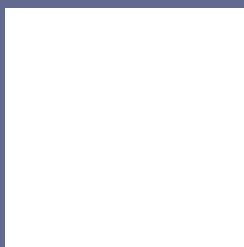
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2575, 14.9439, 28.0669

Background



This preview shows how black text looks on a background with the XYZ color 15.2575, 14.9439, 28.0669.



This preview shows how white text looks on a background with the XYZ color 15.2575, 14.9439,

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

15.2575, 14.9439, 28.0669

Protanopia

15.0417, 14.8326, 28.0568

Deuteranopia

15.2575, 14.9439, 28.0669



Tritanopia

13.5218, 14.8635, 19.6090

Trichromacy



Original Color

15.2575, 14.9439, 28.0669

Protanomaly

15.1490, 14.8879, 28.0618

Deuteranomaly

15.2575, 14.9439, 28.0669

Tritanomaly

14.1888, 14.9826, 22.5662

Monochromacy



Original Color

15.2575, 14.9439, 28.0669

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5346, 14.8991, 20.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2575, 14.9439, 28.0669 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, 143) looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 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(99, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.2575, 14.9439, 28.0669 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, 143) }
```


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

```
.border{ border-color:rgb(99, 106, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 143);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2575, 14.9439, 28.0669 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, 143) }
```

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

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