

Converting Colors

XYZ(11.2571, 9.4504, 28.9416)

Have a look what the booklet for
XYZ(11.2571, 9.4504, 28.9416)
contains.

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Color

**XYZ(11.2770, 9.4636,
28.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5093
RGB	78, 80, 147
RGB Percent	31%, 31%, 58%
CMY	0.6941, 0.6863, 0.4235
CMYK	0.47, 0.46, 0.00, 0.42
HSL	238°, 31%, 44%
HSV	238°, 47%, 58%
XYZ	11.2770, 9.4636, 28.8361
YIQ	87.0400, -22.6990, 20.4130

Conversions

Conversions Part 2

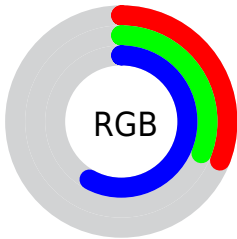
Format	Color
R_{YB}	78, 80, 147
Decimal	5132435
CIE _{Lab}	36.86, 17.84, -37.30
CIE _{LCh}	37, 41.341, 295.560
Yxy	9.4636, 0.2275, 0.1909
Android (android.graphics.Color)	4283322515 (0xFF4E5093)
YUV	87.0400, 29.5603, -7.9281
Hunter-Lab	30.7630, 11.5988, -34.0422

Details

The XYZ color **11.2770, 9.4636, 28.8361** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.5337, 27.0047, 11.1803**, and the grayscale version is **9.0099, 9.4791, 10.3228**.

A 20% lighter version of the original color is **27.7529, 24.7429, 58.5715**, and **3.0955, 2.2884, 11.3449** is the 20% darker color. If you saturate the color by 10%, you get **9.2681, 7.0380, 28.4740**, and if you desaturate by 10%, it is **13.7779, 12.4728, 29.2853**.

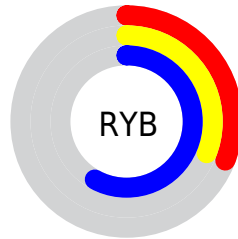
Distribution



Red (31%)

Green (31%)

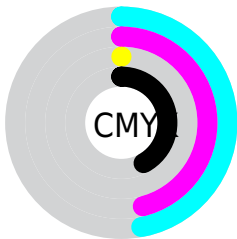
Blue (58%)



Red (31%)

Yellow (31%)

Blue (58%)

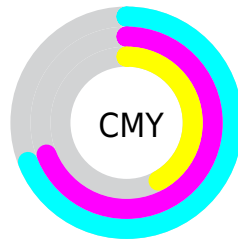


Cyan (47%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (69%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2770, 9.4636, 28.8361 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 11.2770, 9.4636, 28.8361 by changing the saturation by 10% instead.

■ 11.2770, 9.4636,
28.8361

■ 11.2770, 9.4636,
28.8361

193.4275,
186.7996, 310.4775

■ 6.3221, 5.0448,
18.7124

■ 27.7997, 24.7816,
58.8557

■ 3.0844, 2.2736,
11.2879

■ 40.0982, 36.4495,
79.5885

■ 1.1986, 0.7597,
6.1442

■ 55.5754, 51.3027,
104.6949

■ 0.1052, 0.0000,
2.8628

■ 74.5965, 69.7254,
134.5933

■ 0.0000, 0.0000,
1.0250

■ 97.5269, 92.1020,
169.7022

■ 0.0000, 0.0000,
0.0000

124.7319,

118.8170, 210.4402

156.5770,
150.2548, 257.2258

■ 11.2770, 9.4636,
28.8361

■ 11.2770, 9.4636,
28.8361

■ 9.2681, 7.0380,
28.4740

■ 13.7779, 12.4728,
29.2853

■ 7.7178, 5.1571,
28.1927

■ 16.7992, 16.0989,
29.8260

■ 6.5901, 3.7793,
27.9861

■ 20.3683, 20.3740,
30.4631

■ 5.8435, 2.8561,
27.8473

■ 24.5105, 25.3277,
31.2009

■ 5.4165, 2.3230,
27.7669

■ 29.2493, 30.9876,
32.0436

■ 5.3127, 2.1990,
27.7484

■ 34.6072, 37.3799,
32.9950

■ 40.6053, 44.5295,
34.0589

■ 47.2638, 52.4600,
35.2387

■ 54.6020, 61.1941,
36.5378

Harmonies

Analogous

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



8.6212, 9.4636, 31.5592



11.2770, 9.4636, 28.8361



13.6671, 9.4636, 20.4423

Triad

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



11.2770, 9.4636, 28.8361



12.0576, 9.4636, 2.5267



4.9433, 9.4636, 9.2565

Complementary

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



11.2770, 9.4636, 28.8361



23.5337, 27.0047, 11.1803

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.



5.5311, 9.4636, 4.2346



11.2770, 9.4636, 28.8361



9.3792, 9.4636, 1.6936

Square

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



11.2770, 9.4636, 28.8361



14.1741, 9.4636, 5.3611



7.0435, 9.4636, 2.1249



5.2615, 9.4636, 17.6154

Rectangle

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



11.2770, 9.4636, 28.8361



14.6181, 9.4636, 14.2112



7.0435, 9.4636, 2.1249



5.0378, 9.4636, 7.1883

Sweetspot

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



11.2774, 9.4639, 28.8363



38.3399, 38.7165, 54.8869



18.6637, 24.5225, 30.4168



8.4328, 8.4559, 12.4725



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



11.2774, 9.4639, 28.8363



16.5297, 12.5216, 50.9803



14.4467, 10.8838, 28.9433



5.5122, 5.6583, 7.2714



4.6090, 1.9129, 24.0573



0.0591, 0.0288, 0.2953

Inverse Universe

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



16.2053, 12.2315, 9.0965



26.4614, 18.1650, 11.1824



18.8532, 25.0491, 11.0496



5.8072, 5.8179, 6.0909



10.4535, 5.3865, 0.6032



0.1293, 0.0665, 0.0145

Previews

White Background



This preview shows how the XYZ color 11.2770, 9.4636, 28.8361 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 ✓ Pass

Black Background



This preview shows how the XYZ color 11.2770, 9.4636, 28.8361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.2770, 9.4636, 28.8361

Background



This preview shows how black text looks on a background with the XYZ color 11.2770, 9.4636, 28.8361.



This preview shows how white text looks on a background with the XYZ color 11.2770, 9.4636,

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

11.2770, 9.4636, 28.8361

Protanopia

10.3871, 9.4158, 30.5481

Deuteranopia

9.6457, 9.4416, 28.1021



Tritanopia

8.0600, 9.4540, 12.9553

Trichromacy



Original Color

11.2770, 9.4636, 28.8361

Protanomaly

10.7126, 9.4785, 30.1191

Deuteranomaly

10.1036, 9.3155, 28.4597

Tritanomaly

9.0148, 9.3426, 17.8512

Monochromacy



Original Color

11.2770, 9.4636, 28.8361

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.5868, 9.3296, 15.7635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2770, 9.4636, 28.8361 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(78, 80, 147)` looks like.

```
.text, #text, p{  
    color:rgb(78, 80, 147)  
}
```

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(78, 80, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 80, 147) }
```

Border

The CSS property to change the border of an element to XYZ 11.2770, 9.4636, 28.8361 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(78, 80, 147) }
```


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

```
.border{ border-color:rgb(78, 80, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 80, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 80, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 80, 147);  
box-shadow:4px 4px 4px 4px rgb(78, 80,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2770, 9.4636, 28.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 80, 147) }
```

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

```
.background{ background-color: rgb(78, 80,  
147) }
```

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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