

Converting Colors

YUV(111.7940, 29.1886,
-28.7603)

Have a look what the booklet for
YUV(111.7940, 29.1886, -28.7603)
contains.

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Color

**YUV(111.7940, 29.1886,
-28.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	4F75AB
RGB	79, 117, 171
RGB Percent	31%, 46%, 67%
CMY	0.6902, 0.5412, 0.3294
CMYK	0.54, 0.32, 0.00, 0.33
HSL	215°, 37%, 49%
HSV	215°, 54%, 67%
XYZ	16.9364, 17.3251, 40.9795
YIQ	111.7940, -39.9820, 8.7380

Conversions

Conversions Part 2

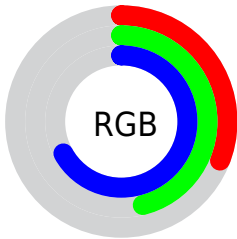
Format	Color
R_{YB}	79, 106, 171
Decimal	5207467
CIE _{Lab}	48.67, 2.62, -32.90
CIE _{LCh}	49, 33.009, 274.559
Yxy	17.3251, 0.2251, 0.2303
Android (android.graphics.Color)	4283397547 (0xFF4F75AB)
YUV	111.7940, 29.1886, -28.7603
Hunter-Lab	41.6235, -0.2101, -29.2363

Details

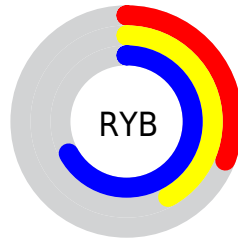
The YUV color **111.7940, 29.1886, -28.7603** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **138.2060, -29.1886, 28.7603**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1470, 30.4935, -27.3159**, and **58.7390, 29.2157, -37.4821** is the 20% darker color. If you saturate the color by 10%, you get **100.8410, 34.5884, -34.0636**, and if you desaturate by 10%, it is **122.7470, 23.7887, -23.4571**.

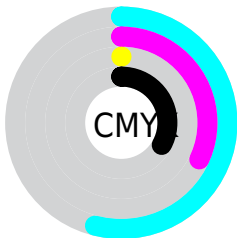
Distribution



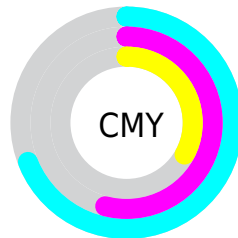
- Red (31%)
- Green (46%)
- Blue (67%)



- Red (31%)
- Yellow (42%)
- Blue (67%)



- Cyan (54%)
- Magenta (32%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7940, 29.1886, -28.7603 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 YUV color 111.7940, 29.1886, -28.7603 by changing the saturation by 10% instead.

■ 111.7940, 29.1886,
-28.7603

■ 111.7940, 29.1886,
-28.7603

■ 255.0000, 0.0000,
0.0000

■ 86.2560, 28.4678,
-30.9195

■ 165.1470, 30.4935,
-27.3159

■ 58.7390, 29.2157,
-37.4821

■ 192.5600, 30.7829,
-26.8011

■ 38.1910, 27.0208,
-33.4935

■ 217.3680, 18.5526,
-24.0017

■ 23.7150, 22.3255,
-20.7981

■ 242.4750, 6.1748,
-20.5876

■ 7.7060, 19.3719,
-6.7582

■ 252.9070, 1.0318,
-4.3034

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 111.7940, 29.1886,
-28.7603

■ 111.7940, 29.1886,
-28.7603

■ 100.8410, 34.5884,
-34.0636

■ 122.7470, 23.7887,
-23.4571

■ 89.8880, 39.9882,
-39.3668

■ 133.7000, 18.3889,
-18.1539

■ 78.9350, 45.3880,
-44.6700

■ 144.6530, 12.9891,
-12.8507

■ 67.9820, 50.7879,
-49.9732

■ 155.6060, 7.5892,
-7.5475

■ 61.1710, 54.1457,
-53.6470

■ 166.5590, 2.1894,
-2.2442

■ 177.8110, -3.3578,
3.6738

■ 188.7640, -8.7577,
8.9770

■ 199.7170,
-14.1575, 14.2802

■ 210.6700,
-19.5573, 19.5834

Harmonies

Analogous

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



92.1850, 35.8978, -80.8462



111.7940, 29.1886, -28.7603



118.3530, 21.5180, 4.9524

Triad

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



111.7940, 29.1886, -28.7603



116.5620, -15.5601, 44.2341



104.6460, -6.7275, -35.6465

Complementary

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



111.7940, 29.1886, -28.7603



138.2060, -29.1886, 28.7603

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.



109.8530, -20.6335, -8.6411



111.7940, 29.1886, -28.7603



115.1940, -24.2526, 32.2789

Square

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



111.7940, 29.1886, -28.7603



117.5910, -2.7564, 44.2087



112.8020, -26.5244, 14.2056



89.8760, 14.3581, -78.8213

Rectangle

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



111.7940, 29.1886, -28.7603



119.2260, 14.1856, 23.4808



112.8020, -26.5244, 14.2056



106.9200, -12.2856, -26.2398

Sweetspot

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



111.7940, 29.1886, -28.7603



198.9090, 11.3839, -11.3212



139.1600, -3.0369, -52.7603



98.6770, 6.5682, -6.7327



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



111.7940, 29.1886, -28.7603



129.0490, 45.8248, -44.7700



91.8800, 39.0062, -4.2798



81.3740, 2.7736, -2.9590



53.4940, 47.5775, -46.9142



7.9050, 7.4418, -6.9327

Inverse Universe

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



110.8400, 3.0369, 52.7603



127.7820, 4.5445, 82.6292



158.1200, -39.0062, 4.2798



81.1470, 0.4205, 5.1331



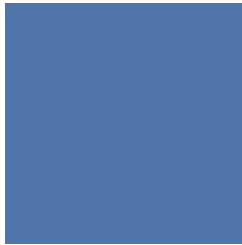
51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 111.7940, 29.1886, -28.7603 looks on a white background.

Color Contrast Check

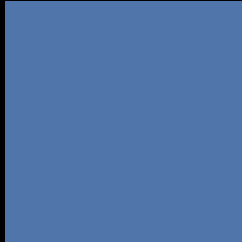
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.7940, 29.1886, -28.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

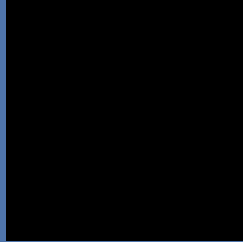
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7940, 29.1886, -28.7603

Background



This preview shows how black text looks on a background with the YUV color 111.7940, 29.1886, -28.7603.



This preview shows how white text looks on a background with the YUV color 111.7940, 29.1886, -28.7603.

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

111.7940, 29.1886, -28.7603

Protanopia

114.4860, 26.3824, -15.3352

Deuteranopia

114.0230, 28.5827, -21.0682



Tritanopia

107.7980, 12.9176, -36.6568

Trichromacy



Original Color

111.7940, 29.1886, -28.7603

Protanomaly

113.0940, 27.5617, -20.2534

Deuteranomaly

113.4140, 28.8829, -24.0421

Tritanomaly

109.0140, 18.7271, -33.3383

Monochromacy



Original Color

111.7940, 29.1886, -28.7603

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7940, 29.1886, -28.7603 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(79, 117, 171)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 171)  
}
```

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(79, 117, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 171) }
```

Border

The CSS property to change the border of an element to YUV 111.7940, 29.1886, -28.7603 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(79, 117, 171) }
```


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

```
.border{ border-color:rgb(79, 117, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 117, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 171);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 111.7940, 29.1886, -28.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 171) }
```

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

```
.background{ background-color: rgb(79, 117,  
171) }
```

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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