

Converting Colors

YUV(115.6370, 27.2940,
-27.7456)

Have a look what the booklet for
YUV(115.6370, 27.2940, -27.7456)
contains.

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Color

**YUV(115.6370, 27.2940,
-27.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	5479AB
RGB	84, 121, 171
RGB Percent	33%, 47%, 67%
CMY	0.6706, 0.5255, 0.3294
CMYK	0.51, 0.29, 0.00, 0.33
HSL	214°, 34%, 50%
HSV	214°, 51%, 67%
XYZ	17.8442, 18.4998, 41.1584
YIQ	115.6370, -38.1020, 7.7060

Conversions

Conversions Part 2

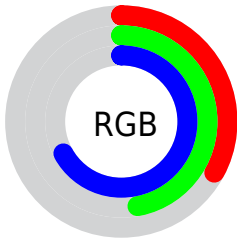
Format	Color
R _Y B	84, 110, 171
Decimal	5536171
CIE Lab	50.10, 1.40, -30.65
CIE LCh	50, 30.681, 272.617
Yxy	18.4998, 0.2302, 0.2387
Android (android.graphics.Color)	4283726251 (0xFF5479AB)
YUV	115.6370, 27.2940, -27.7456
Hunter-Lab	43.0114, -1.2155, -26.6277

Details

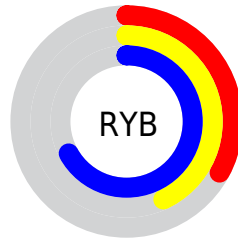
The YUV color **115.6370, 27.2940, -27.7456** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **139.3630, -27.2940, 27.7456**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6910, 28.7463, -26.9160**, and **64.0770, 26.5840, -33.3935** is the 20% darker color. If you saturate the color by 10%, you get **104.6840, 32.6938, -33.0489**, and if you desaturate by 10%, it is **126.5900, 21.8941, -22.4424**.

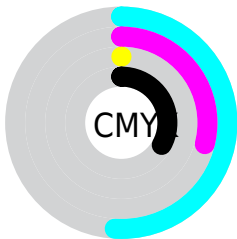
Distribution



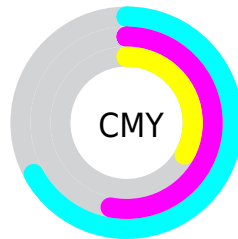
- Red (33%)
- Green (47%)
- Blue (67%)



- Red (33%)
- Yellow (43%)
- Blue (67%)



- Cyan (51%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6370, 27.2940, -27.7456 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 115.6370, 27.2940, -27.7456 by changing the saturation by 10% instead.

■ 115.6370, 27.2940,
-27.7456

■ 115.6370, 27.2940,
-27.7456

■ 255.0000, 0.0000,
0.0000

■ 89.8110, 26.7152,
-28.7752

■ 168.6910, 28.7463,
-26.9160

■ 64.0770, 26.5840,
-33.3935

■ 196.1040, 29.0357,
-26.4012

■ 40.6530, 26.3001,
-35.6527

■ 220.9120, 16.8054,
-23.6018

■ 25.5900, 21.8941,
-22.4424

■ 245.4320, 4.7170,
-19.6729

■ 7.1190, 19.6613,
-6.2434

■ 254.1030, 0.4422,
-1.8443

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 115.6370, 27.2940,
-27.7456

■ 115.6370, 27.2940,
-27.7456

■ 104.6840, 32.6938,
-33.0489

■ 126.5900, 21.8941,
-22.4424

■ 93.7310, 38.0936,
-38.3521

■ 137.5430, 16.4943,
-17.1392

■ 83.3650, 43.2041,
-44.1701

■ 147.9090, 11.3839,
-11.3212

■ 72.4120, 48.6039,
-49.4733

■ 158.8620, 5.9840,
-6.0180

■ 62.3450, 53.5669,
-54.6766

■ 169.8150, 0.5842,
-0.7148

■ 181.0670, -4.9630,
5.2032

■ 192.0200,
-10.3629, 10.5065

■ 202.9730,
-15.7627, 15.8097

■ 213.3390,
-20.8731, 21.6277

Harmonies

Analogous

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



103.2150, 30.4600, -63.3326



115.6370, 27.2940, -27.7456



121.7010, 20.3604, 2.8932

Triad

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



115.6370, 27.2940, -27.7456



120.0070, -13.8075, 42.0899



110.0380, -7.9067, -30.7283

Complementary

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



115.6370, 27.2940, -27.7456



139.3630, -27.2940, 27.7456

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.



114.0920, -19.7654, -7.0967



115.6370, 27.2940, -27.7456



118.9490, -22.6529, 32.4937

Square

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



115.6370, 27.2940, -27.7456



121.7970, -1.8719, 40.5200



116.8560, -25.0720, 15.0353



102.3300, 9.2043, -59.0484

Rectangle

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



115.6370, 27.2940, -27.7456



122.5030, 14.0490, 20.6069



116.8560, -25.0720, 15.0353



111.9420, -12.2964, -22.7511

Sweetspot

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



115.6370, 27.2940, -27.7456



200.9800, 10.3629, -10.5065



140.6550, -3.7739, -49.6864



99.5630, 6.1314, -6.6328



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.



115.6370, 27.2940, -27.7456



135.8490, 42.4724, -42.8406



95.7120, 37.1170, -5.0094



81.3740, 2.7736, -2.9590



54.6680, 46.9987, -47.9438



8.4920, 7.1524, -7.4475

Inverse Universe

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



114.2310, 3.3371, 49.7864



133.8630, 4.9975, 77.2961



159.2880, -37.1170, 5.0094



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 115.6370, 27.2940, -27.7456 looks on a white 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

Black Background



This preview shows how the YUV color 115.6370, 27.2940, -27.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

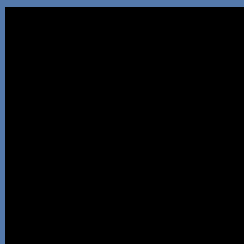
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

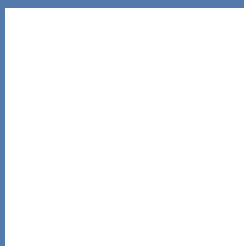
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.6370, 27.2940, -27.7456

Background



This preview shows how black text looks on a background with the YUV color 115.6370, 27.2940, -27.7456.

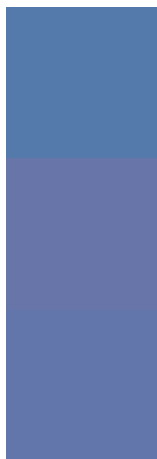


This preview shows how white text looks on a background with the YUV color 115.6370, 27.2940, -27.7456.

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

115.6370, 27.2940, -27.7456

Protanopia

118.6280, 24.3404, -13.7058

Deuteranopia

118.1760, 26.5352, -17.6944



Tritanopia

112.1080, 12.7648, -34.2977

Trichromacy



Original Color

115.6370, 27.2940, -27.7456

Protanomaly

117.2360, 25.5197, -18.6240

Deuteranomaly

117.2680, 26.9829, -21.2830

Tritanomaly

113.4980, 17.9955, -32.0087

Monochromacy



Original Color

115.6370, 27.2940, -27.7456

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6370, 27.2940, -27.7456 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(84, 121, 171)` looks like.

```
.text, #text, p{  
    color:rgb(84, 121, 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(84, 121, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 121, 171) }
```

Border

The CSS property to change the border of an element to YUV 115.6370, 27.2940, -27.7456 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(84, 121, 171) }
```


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

```
.border{ border-color:rgb(84, 121, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 121, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 121, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 121, 171);  
box-shadow:4px 4px 4px 4px rgb(84, 121,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 115.6370, 27.2940, -27.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 121, 171) }
```

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

```
.background{ background-color: rgb(84, 121,  
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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