

Converting Colors

YUV(87.8280, 27.6928,
-15.6352)

Have a look what the booklet for
YUV(87.8280, 27.6928, -15.6352)
contains.

YUV(87.8280, 27.6928, -15.6352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.8280, 27.6928,
-15.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	465690
RGB	70, 86, 144
RGB Percent	27%, 34%, 56%
CMY	0.7255, 0.6627, 0.4353
CMYK	0.51, 0.40, 0.00, 0.44
HSL	227°, 35%, 42%
HSV	227°, 51%, 56%
XYZ	10.8876, 9.9713, 27.7364
YIQ	87.8280, -28.1540, 14.6460

Conversions

Conversions Part 2

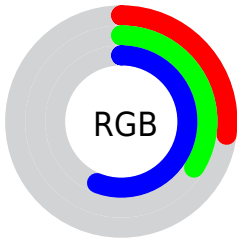
Format	Color
R_{YB}	70, 83, 144
Decimal	4609680
CIE _{Lab}	37.79, 10.97, -34.04
CIE _{LCh}	38, 35.765, 287.866
Yxy	9.9713, 0.2240, 0.2052
Android (android.graphics.Color)	4282799760 (0xFF465690)
YUV	87.8280, 27.6928, -15.6352
Hunter-Lab	31.5773, 6.2850, -29.9740

Details

The YUV color **87.8280, 27.6928, -15.6352** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.1720, -27.6928, 15.6352**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5940, 29.2872, -13.6759**, and **37.9580, 27.1357, -23.6422** is the 20% darker color. If you saturate the color by 10%, you get **77.1850, 32.9398, -18.5792**, and if you desaturate by 10%, it is **98.4710, 22.4458, -12.6911**.

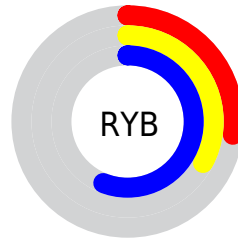
Distribution



Red (27%)

Green (34%)

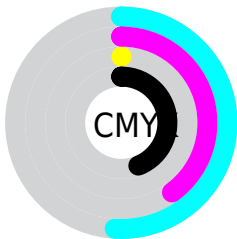
Blue (56%)



Red (27%)

Yellow (33%)

Blue (56%)

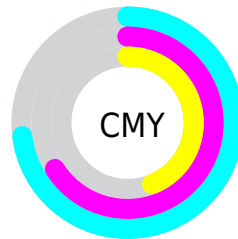


Cyan (51%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8280, 27.6928, -15.6352 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 87.8280, 27.6928, -15.6352 by changing the saturation by 10% instead.

■ 87.8280, 27.6928,
-15.6352

■ 87.8280, 27.6928,
-15.6352

■ 255.0000, 0.0000,
0.0000

■ 63.2900, 26.9720,
-17.7943

■ 138.5940, 29.2872,
-13.6759

■ 37.9580, 27.1357,
-23.6422

■ 165.7080, 29.7240,
-13.7759

■ 20.7800, 23.7725,
-18.2241

■ 193.2350, 30.4501,
-13.3611

■ 6.4180, 19.5139,
-5.6286

■ 217.4560, 18.5092,
-10.0469

■ 3.4370, 10.6306,
-3.0142

■ 243.1500, 5.8421,
-7.1475

■ 0.0000, 0.0000,
0.0000

■ 87.8280, 27.6928,
-15.6352

■ 87.8280, 27.6928,
-15.6352

■ 77.1850, 32.9398,
-18.5792

■ 98.4710, 22.4458,
-12.6911

■ 65.6560, 38.6236,
-21.6233

■ 110.0000, 16.7620,
-9.6470

■ 55.0130, 43.8706,
-24.5674

■ 120.6430, 11.5150,
-6.7029

■ 44.0710, 49.2650,
-28.1263

■ 131.5850, 6.1206,
-3.1440

■ 34.6130, 53.9278,
-30.3556

■ 142.2280, 0.8736,
-0.2000

■ 153.4580, -4.6628,
2.2293

■ 164.4000,
-10.0572, 5.7882

■ 175.0430,

-15.3042, 8.7323

■ 186.5720,
-20.9880, 11.7764

Harmonies

Analogous

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



72.2950, 35.8436, -63.4027



87.8280, 27.6928, -15.6352



91.8170, 17.8382, 18.5775

Triad

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



87.8280, 27.6928, -15.6352



87.6880, -20.0592, 40.6156



69.1250, 3.3894, -60.6226

Complementary

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



87.8280, 27.6928, -15.6352



126.1720, -27.6928, 15.6352

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.



80.0300, -15.7908, -21.9513



87.8280, 27.6928, -15.6352



86.5260, -27.8673, 24.9717

Square

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



87.8280, 27.6928, -15.6352



88.6470, -7.7140, 47.6676



84.3230, -26.7812, 3.2247



72.5450, 16.4933, -63.6220

Rectangle

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



87.8280, 27.6928, -15.6352



90.8530, 9.9325, 34.3319



84.3230, -26.7812, 3.2247



73.0790, -3.4899, -47.4273

Sweetspot

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



87.8280, 27.6928, -15.6352



164.7140, 10.4940, -5.8882



120.0500, 3.9194, -43.8939



81.2860, 6.2680, -3.7588



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



87.8280, 27.6928, -15.6352



98.7850, 42.9970, -24.3674



84.7150, 29.2275, 5.5119



65.9720, 2.4788, -1.7294



32.4130, 50.5754, -28.4262



2.0860, 2.9156, -1.8294

Inverse Universe

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



93.9500, -3.9193, 43.8939



108.2350, -6.0319, 68.1999



129.2850, -29.2275, -5.5119



66.3210, -0.1583, 4.1035



43.6710, -7.2328, 80.0955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 87.8280, 27.6928, -15.6352 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 YUV color 87.8280, 27.6928, -15.6352 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](#).

YUV 87.8280, 27.6928, -15.6352

Background



This preview shows how black text looks on a background with the YUV color 87.8280, 27.6928, -15.6352.



This preview shows how white text looks on a background with the YUV color 87.8280, 27.6928, -15.6352.

-15.6352.

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

87.8280, 27.6928, -15.6352

Protanopia

87.3330, 28.4298, -18.7090

Deuteranopia

85.2890, 28.4515, -25.6865



Tritanopia

84.2510, 9.2433, -24.7761

Trichromacy



Original Color

87.8280, 27.6928, -15.6352

Protanomaly

87.6320, 28.2824, -18.0943

Deuteranomaly

86.1970, 28.0039, -22.0978

Tritanomaly

85.6950, 15.9264, -21.6575

Monochromacy



Original Color

87.8280, 27.6928, -15.6352

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6000, 10.0572, -5.7882

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8280, 27.6928, -15.6352 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(70, 86, 144)` looks like.

```
.text, #text, p{  
    color:rgb(70, 86, 144)  
}
```

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(70, 86, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 86, 144) }
```

Border

The CSS property to change the border of an element to YUV 87.8280, 27.6928, -15.6352 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(70, 86, 144) }
```


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

```
.border{ border-color:rgb(70, 86, 144) }
```

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

Here you see how a box with a 4 pixel rgb(70, 86, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 86, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 86, 144);  
box-shadow:4px 4px 4px 4px rgb(70, 86,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 87.8280, 27.6928, -15.6352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 86, 144) }
```

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

```
.background{ background-color: rgb(70, 86,  
144) }
```

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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