

Converting Colors

YUV(90.5840, 27.8131, -7.5282)

Have a look what the booklet for
YUV(90.5840, 27.8131, -7.5282)
contains.

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Color

**YUV(90.5840, 27.8131,
-7.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	525493
RGB	82, 84, 147
RGB Percent	32%, 33%, 58%
CMY	0.6784, 0.6706, 0.4235
CMYK	0.44, 0.43, 0.00, 0.42
HSL	238°, 28%, 45%
HSV	238°, 44%, 58%
XYZ	11.9165, 10.2411, 28.9524
YIQ	90.5840, -21.4150, 19.1690

Conversions

Conversions Part 2

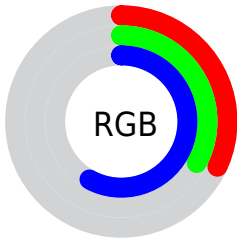
Format	Color
R _Y B	82, 84, 147
Decimal	5395603
CIE Lab	38.27, 16.32, -35.04
CIE LCh	38, 38.652, 294.975
Yxy	10.2411, 0.2332, 0.2004
Android (android.graphics.Color)	4283585683 (0xFF525493)
YUV	90.5840, 27.8131, -7.5282
Hunter-Lab	32.0017, 10.4651, -31.2394

Details

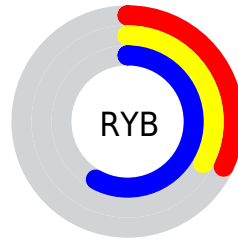
The YUV color **90.5840, 27.8131, -7.5282** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.4160, -27.8131, 7.5282**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3500, 29.4075, -5.5689**, and **42.5080, 26.3716, -11.8465** is the 20% darker color. If you saturate the color by 10%, you get **77.8810, 34.0757, -9.5426**, and if you desaturate by 10%, it is **103.2870, 21.5505, -5.5137**.

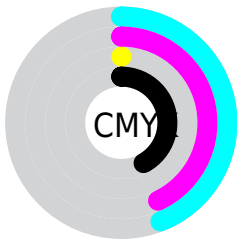
Distribution



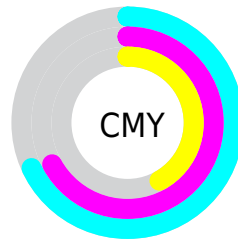
- Red (32%)
- Green (33%)
- Blue (58%)



- Red (32%)
- Yellow (33%)
- Blue (58%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)
- Black (42%)



- Cyan (68%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5840, 27.8131, -7.5282 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 90.5840, 27.8131, -7.5282 by changing the saturation by 10% instead.

■ 90.5840, 27.8131,
-7.5282

■ 90.5840, 27.8131,
-7.5282

■ 255.0000, 0.0000,
0.0000

■ 66.3450, 26.9449,
-9.0726

■ 141.3500, 29.4075,
-5.5689

■ 42.5080, 26.3716,
-11.8465

■ 168.5780, 30.2810,
-5.7689

■ 19.3610, 25.9510,
-16.9796

■ 195.6490, 29.2600,
-4.9542

■ 5.5860, 21.4031,
-4.8989

■ 219.8700, 17.3191,
-1.6400

■ 3.6650, 11.5042,
-3.2142

■ 245.5640, 4.6519,
1.2594

■ 0.0000, 0.0000,
0.0000

■ 90.5840, 27.8131,
-7.5282

■ 90.5840, 27.8131,
-7.5282

■ 77.8810, 34.0757,
-9.5426

■ 103.2870, 21.5505,
-5.5137

■ 65.4770, 40.1908,
-10.9423

■ 115.6910, 15.4353,
-4.1140

■ 52.1870, 46.7428,
-12.4420

■ 128.9810, 8.8834,
-2.6143

■ 39.4840, 53.0054,
-14.4565

■ 141.6840, 2.6208,
-0.5999

■ 27.0800, 59.1206,
-15.8562

■ 154.3870, -3.6418,
1.4146

■ 19.6930, 62.7624,
-17.2708

■ 166.7910, -9.7570,
2.8143

■ 180.0810,
-16.3089, 4.3140

■ 192.7840,

-22.5715, 6.3284

■ 205.1880,
-28.6867, 7.7281

Harmonies

Analogous

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



73.0930, 38.9012, -64.1026



90.5840, 27.8131, -7.5282



92.8180, 16.3587, 26.4696

Triad

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



90.5840, 27.8131, -7.5282



88.8360, -24.5691, 40.4858



71.2110, 6.3050, -62.4520

Complementary

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



90.5840, 27.8131, -7.5282



138.4160, -27.8131, 7.5282

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.



78.0610, -12.8481, -32.5025



90.5840, 27.8131, -7.5282



87.1790, -31.6402, 21.7680

Square

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



90.5840, 27.8131, -7.5282



89.0450, -11.3612, 50.8265



83.8770, -27.0544, -2.5231



74.8590, 20.2825, -65.6513

Rectangle

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



90.5840, 27.8131, -7.5282



91.3270, 7.7268, 41.8092



83.8770, -27.0544, -2.5231



69.3700, 1.7896, -60.8375

Sweetspot

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



90.5840, 27.8131, -7.5282



169.4370, 10.6306, -3.0142



127.3370, 8.7079, -39.7605



83.4110, 6.6994, -2.1144



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



90.5840, 27.8131, -7.5282



103.2750, 43.2484, -11.6422



98.3800, 23.9697, 11.9447



67.7980, 3.0576, -0.6998



18.0800, 59.1206, -15.8562



1.1400, 4.3680, -0.9998

Inverse Universe

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



101.6630, -8.7079, 39.7605



120.5410, -13.5777, 61.7925



130.6200, -23.9697, -11.9447



69.0930, -1.0318, 4.3034



41.7180, -18.5950, 84.4393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 90.5840, 27.8131, -7.5282 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 90.5840, 27.8131, -7.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

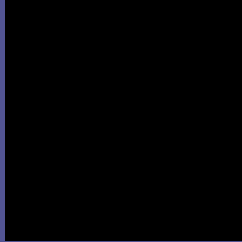
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.5840, 27.8131, -7.5282

Background



This preview shows how black text looks on a background with the YUV color 90.5840, 27.8131, -7.5282.



This preview shows how white text looks on a background with the YUV color 90.5840, 27.8131, -7.5282.

-7.5282.

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

90.5840, 27.8131, -7.5282

Protanopia

88.0060, 31.0560, -21.0533

Deuteranopia

86.5170, 29.3251, -25.8864



Tritanopia

87.7360, 7.0322, -15.5545

Trichromacy



Original Color

90.5840, 27.8131, -7.5282

Protanomaly

89.3980, 29.8768, -16.1350

Deuteranomaly

88.0340, 28.5772, -19.3238

Tritanomaly

88.4080, 14.5889, -12.6358

Monochromacy



Original Color

90.5840, 27.8131, -7.5282

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6220, 10.0464, -2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5840, 27.8131, -7.5282 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(82, 84, 147)` looks like.

```
.text, #text, p{  
    color:rgb(82, 84, 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(82, 84, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 84, 147) }
```

Border

The CSS property to change the border of an element to YUV 90.5840, 27.8131, -7.5282 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(82, 84, 147) }
```


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

```
.border{ border-color:rgb(82, 84, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 84, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 84, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 84, 147);  
box-shadow:4px 4px 4px 4px rgb(82, 84,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 90.5840, 27.8131, -7.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 84, 147) }
```

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

```
.background{ background-color: rgb(82, 84,  
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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