

Converting Colors

YUV(90.1330, 28.5284, -3.6246)

Have a look what the booklet for
YUV(90.1330, 28.5284, -3.6246)
contains.

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Color

**YUV(90.1330, 28.5284,
-3.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	565194
RGB	86, 81, 148
RGB Percent	34%, 32%, 58%
CMY	0.6627, 0.6824, 0.4196
CMYK	0.42, 0.45, 0.00, 0.42
HSL	244°, 29%, 45%
HSV	244°, 45%, 58%
XYZ	12.1255, 10.0014, 29.3084
YIQ	90.1330, -18.5270, 21.8970

Conversions

Conversions Part 2

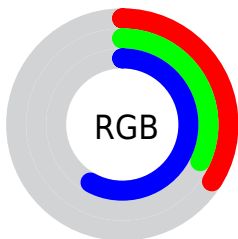
Format	Color
R _Y B	86, 81, 148
Decimal	5656980
CIE Lab	37.84, 19.61, -36.30
CIE LCh	38, 41.258, 298.385
Yxy	10.0014, 0.2357, 0.1944
Android (android.graphics.Color)	4283847060 (0xFF565194)
YUV	90.1330, 28.5284, -3.6246
Hunter-Lab	31.6250, 13.0957, -32.8093

Details

The YUV color $90.1330, 28.5284, -3.6246$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $138.8670, -28.5284, 3.6246$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $140.8990, 30.1228, -1.6654$, and $42.3560, 26.9395, -7.3282$ is the 20% darker color. If you saturate the color by 10%, you get $77.1420, 34.9330, -4.5095$, and if you desaturate by 10%, it is $103.1240, 22.1239, -2.7397$.

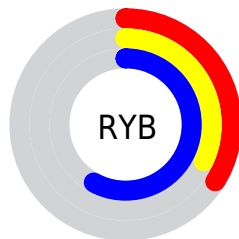
Distribution



Red (34%)

Green (32%)

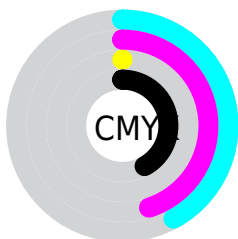
Blue (58%)



Red (34%)

Yellow (32%)

Blue (58%)

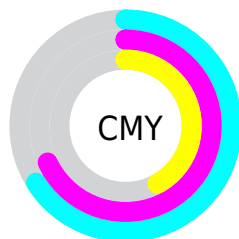


Cyan (42%)

Magenta (45%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1330, 28.5284, -3.6246 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 90.1330, 28.5284, -3.6246 by changing the saturation by 10% instead.

■ 90.1330, 28.5284,
-3.6246

■ 90.1330, 28.5284,
-3.6246

■ 255.0000, 0.0000,
0.0000

■ 65.8940, 27.6603,
-5.1690

■ 140.8990, 30.1228,
-1.6654

■ 42.3560, 26.9395,
-7.3282

■ 167.5400, 31.2858,
-1.3506

■ 18.6000, 26.8192,
-15.4352

■ 194.4970, 29.8280,
-0.4359

■ 5.7000, 21.8399,
-4.9989

■ 219.3050, 17.5976,
2.3635

■ 3.7790, 11.9410,
-3.3142

■ 244.4120, 5.2199,
5.7777

■ 0.0000, 0.0000,
0.0000

■ 90.1330, 28.5284,
-3.6246

■ 90.1330, 28.5284,
-3.6246

■ 77.1420, 34.9330,
-4.5095

■ 103.1240, 22.1239,
-2.7397

■ 64.4500, 41.1902,
-4.7796

■ 115.8160, 15.8667,
-2.4696

■ 52.0460, 47.3053,
-6.1793

■ 128.2200, 9.7515,
-1.0699

■ 39.0550, 53.7099,
-7.0642

■ 141.2110, 3.3470,
-0.1850

■ 26.3630, 59.9670,
-7.3344

■ 153.9030, -2.9102,
0.0851


■ 20.1610, 63.0246,
-8.0342

■ 166.8940, -9.3147,
0.9700

■ 179.8850,
-15.7193, 1.8549

■ 192.2890,

-21.8345, 3.2545

 204.9810,
-28.0916, 3.5247

Harmonies

Analogous

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



72.3750, 41.2271, -63.4729



90.1330, 28.5284, -3.6246



91.8510, 16.3425, 31.7027

Triad

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



90.1330, 28.5284, -3.6246



86.8530, -27.0425, 40.4709



71.4390, 7.1786, -62.6520

Complementary

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



90.1330, 28.5284, -3.6246



138.8670, -28.5284, 3.6246

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.



73.2770, -10.4896, -42.3389



90.1330, 28.5284, -3.6246



85.0710, -34.5450, 20.1087

Square

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



90.1330, 28.5284, -3.6246



86.7850, -13.6980, 53.6856



81.6270, -27.9171, -5.8119



75.3150, 22.0297, -66.0513

Rectangle

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



90.1330, 28.5284, -3.6246



89.1320, 6.8369, 47.2422



81.6270, -27.9171, -5.8119



69.5980, 2.6632, -61.0374

Sweetspot

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



90.1330, 28.5284, -3.6246



167.6760, 11.4987, -1.4699



125.6190, 11.0338, -39.1309



82.5360, 7.1308, -0.4701



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.



90.1330, 28.5284, -3.6246



102.1340, 43.8109, -5.3795



100.0000, 23.6640, 16.6630



67.7980, 3.0576, -0.6998



18.7220, 58.8041, -7.6492



1.4390, 4.2206, -0.3850

Inverse Universe

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



108.1010, 17.2052, 34.9914



129.7410, 26.7497, 53.7241



129.0000, -23.6640, -16.6630



69.7770, 1.5889, 3.7036



55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 90.1330, 28.5284, -3.6246 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 90.1330, 28.5284, -3.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

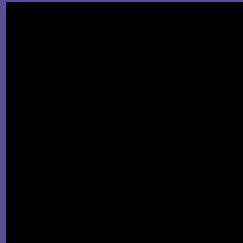
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1330, 28.5284, -3.6246

Background



This preview shows how black text looks on a background with the YUV color 90.1330, 28.5284, -3.6246.



This preview shows how white text looks on a background with the YUV color 90.1330, 28.5284,

-3.6246.

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

90.1330, 28.5284, -3.6246

Protanopia

86.5650, 33.2455, -23.2975

Deuteranopia

84.7340, 30.2041, -27.8307



Tritanopia

87.4160, 5.7109, -11.7658

Trichromacy



Original Color

90.1330, 28.5284, -3.6246

Protanomaly

87.8540, 31.6240, -16.5350

Deuteranomaly

86.6750, 29.7402, -19.0090

Tritanomaly

88.3160, 14.1412, -9.0471

Monochromacy



Original Color

90.1330, 28.5284, -3.6246

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.3340, 10.1883, -1.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1330, 28.5284, -3.6246 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(86, 81, 148)` looks like.

```
.text, #text, p{  
    color:rgb(86, 81, 148)  
}
```

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(86, 81, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 81, 148) }
```

Border

The CSS property to change the border of an element to YUV 90.1330, 28.5284, -3.6246 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(86, 81, 148) }
```


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

```
.border{ border-color:rgb(86, 81, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 81, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 81, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 81, 148);  
box-shadow:4px 4px 4px 4px rgb(86, 81,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 90.1330, 28.5284, -3.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 81, 148) }
```

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

```
.background{ background-color: rgb(86, 81,  
148) }
```

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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