

Converting Colors

YUV(98.1380, 27.5400,
-13.2760)

Have a look what the booklet for
YUV(98.1380, 27.5400, -13.2760)
contains.

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Color

**YUV(98.1380, 27.5400,
-13.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	535F9A
RGB	83, 95, 154
RGB Percent	33%, 37%, 60%
CMY	0.6745, 0.6275, 0.3961
CMYK	0.46, 0.38, 0.00, 0.40
HSL	230°, 30%, 46%
HSV	230°, 46%, 60%
XYZ	13.4922, 12.3565, 32.2458
YIQ	98.1380, -26.0910, 15.8050

Conversions

Conversions Part 2

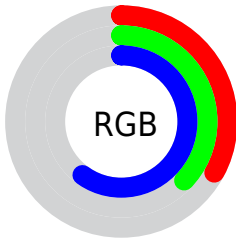
Format	Color
R_{YB}	83, 93, 154
Decimal	5463962
CIE _{Lab}	41.78, 11.79, -33.70
CIE _{LCh}	42, 35.698, 289.280
Yxy	12.3565, 0.2322, 0.2127
Android (android.graphics.Color)	4283654042 (0xFF535F9A)
YUV	98.1380, 27.5400, -13.2760
Hunter-Lab	35.1518, 6.9974, -29.7821

Details

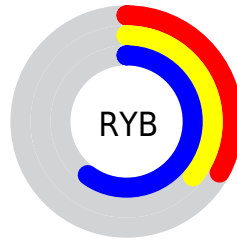
The YUV color **98.1380, 27.5400, -13.2760** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.8620, -27.5400, 13.2760**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6050, 29.2817, -11.9316**, and **49.0620, 26.0984, -17.5944** is the 20% darker color. If you saturate the color by 10%, you get **86.0220, 33.5132, -15.8053**, and if you desaturate by 10%, it is **110.2540, 21.5668, -10.7468**.

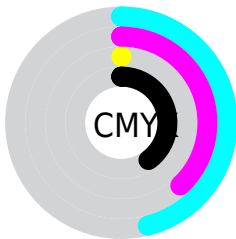
Distribution



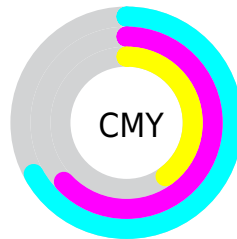
- Red (33%)
- Green (37%)
- Blue (60%)



- Red (33%)
- Yellow (36%)
- Blue (60%)



- Cyan (46%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1380, 27.5400, -13.2760 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 98.1380, 27.5400, -13.2760 by changing the saturation by 10% instead.

■ 98.1380, 27.5400,
-13.2760

■ 98.1380, 27.5400,
-13.2760

■ 255.0000, 0.0000,
0.0000

■ 73.3120, 26.9612,
-14.3056

■ 149.6050, 29.2817,
-11.9316

■ 49.0620, 26.0984,
-17.5944

■ 176.7190, 29.7185,
-12.0316

■ 25.9150, 25.6779,
-22.7275

■ 202.9920, 25.6399,
-10.5170

■ 7.4440, 23.4451,
-6.5284

■ 228.0990, 13.2622,
-7.1028

■ 4.9360, 13.8356,
-4.3289

■ 253.2060, 0.8844,
-3.6887

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 98.1380, 27.5400,
-13.2760

■ 98.1380, 27.5400,
-13.2760

■ 86.0220, 33.5132,
-15.8053

■ 110.2540, 21.5668,
-10.7468

■ 73.6070, 39.6337,
-18.9493

■ 122.6690, 15.4462,
-7.6027

■ 62.0780, 45.3175,
-21.9934

■ 134.1980, 9.7624,
-4.5586

■ 49.6630, 51.4381,
-25.1375

■ 146.6130, 3.6418,
-1.4146

■ 37.5470, 57.4113,
-27.6667

■ 158.7290, -2.3314,
1.1147

■ 32.8180, 59.7427,
-28.7814

■ 170.8450, -8.3046,
3.6439

■ 183.2600,
-14.4252, 6.7880

■ 194.7890,
-20.1090, 9.8320

■ 207.2040,
-26.2296, 12.9761

Harmonies

Analogous

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



79.4190, 37.7544, -69.6505



98.1380, 27.5400, -13.2760



101.4150, 17.5434, 19.8070

Triad

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



98.1380, 27.5400, -13.2760



97.7590, -21.0802, 41.4304



76.2490, 5.3002, -66.8704

Complementary

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



98.1380, 27.5400, -13.2760



138.8620, -27.5400, 13.2760

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.



89.5460, -15.0592, -23.2808



98.1380, 27.5400, -13.2760



96.4120, -28.3041, 25.0717

Square

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



98.1380, 27.5400, -13.2760



98.7180, -8.7350, 48.4823



94.0240, -26.6338, 2.6100



79.6690, 18.4042, -69.8697

Rectangle

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



98.1380, 27.5400, -13.2760



101.3370, 9.2009, 35.6615



94.0240, -26.6338, 2.6100



83.1930, -3.0531, -47.5273

Sweetspot

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



98.1380, 27.5400, -13.2760



179.1270, 10.7834, -5.3734



131.2890, 4.7875, -42.3495



88.6990, 6.5574, -3.2440



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



98.1380, 27.5400, -13.2760



114.1060, 42.8387, -20.2640



97.6720, 27.7697, 6.4267



70.4990, 3.2050, -1.3146



30.0480, 54.2063, -26.3521



2.6560, 5.0996, -2.3293

Inverse Universe

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



105.5970, -5.2243, 42.4494



125.9420, -8.3524, 65.8259



139.3280, -27.7697, -6.4267



71.5060, -0.7425, 4.8182



44.5960, -10.1538, 83.6693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 98.1380, 27.5400, -13.2760 looks on a white background.

Color Contrast Check

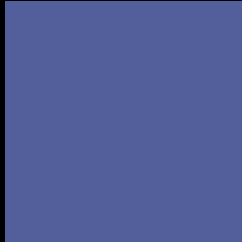
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1380, 27.5400, -13.2760 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 98.1380, 27.5400, -13.2760

Background



This preview shows how black text looks on a background with the YUV color 98.1380, 27.5400, -13.2760.



This preview shows how white text looks on a background with the YUV color 98.1380, 27.5400,

-13.2760.

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

98.1380, 27.5400, -13.2760

Protanopia

96.7460, 28.7192, -18.1942

Deuteranopia

95.8980, 28.1513, -22.7125



Tritanopia

95.0450, 8.3588, -21.0875

Trichromacy



Original Color

98.1380, 27.5400, -13.2760

Protanomaly

97.6430, 28.2770, -16.3499

Deuteranomaly

96.8060, 27.7036, -19.1239

Tritanomaly

96.1900, 15.1893, -18.5836

Monochromacy



Original Color

98.1380, 27.5400, -13.2760

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1380, 27.5400, -13.2760 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(83, 95, 154)` looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 154)  
}
```

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(83, 95, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 154) }
```

Border

The CSS property to change the border of an element to YUV 98.1380, 27.5400, -13.2760 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(83, 95, 154) }
```


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

```
.border{ border-color:rgb(83, 95, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 95, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 154);  
box-shadow:4px 4px 4px 4px rgb(83, 95,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 98.1380, 27.5400, -13.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 154) }
```

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

```
.background{ background-color: rgb(83, 95,  
154) }
```

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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