

Converting Colors

YUV(125.2950, 25.9836,
-27.4457)

Have a look what the booklet for
YUV(125.2950, 25.9836, -27.4457)
contains.

YUV(125.2950, 25.9836, -27.4457)	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(125.2950, 25.9836,
-27.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	5E83B2
RGB	94, 131, 178
RGB Percent	37%, 51%, 70%
CMY	0.6314, 0.4863, 0.3020
CMYK	0.47, 0.26, 0.00, 0.30
HSL	214°, 35%, 53%
HSV	214°, 47%, 70%
XYZ	20.7683, 21.8266, 45.2378
YIQ	125.2950, -37.1390, 6.7730

Conversions

Conversions Part 2

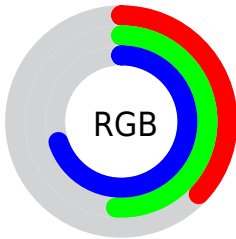
Format	Color
R _Y B	94, 120, 178
Decimal	6194098
CIE Lab	53.84, 0.11, -28.82
CIE LCh	54, 28.819, 270.218
Yxy	21.8266, 0.2365, 0.2485
Android (android.graphics.Color)	4284384178 (0xFF5E83B2)
YUV	125.2950, 25.9836, -27.4457
Hunter-Lab	46.7190, -2.4085, -24.7070

Details

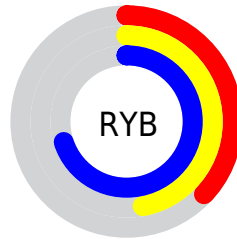
The YUV color $125.2950, 25.9836, -27.4457$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $146.7050, -25.9836, 27.4457$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.9360, 27.1466, -27.1309$, and $74.0450, 25.1208, -30.7345$ is the 20% darker color. If you saturate the color by 10%, you get $114.0430, 31.5308, -33.3637$, and if you desaturate by 10%, it is $136.5470, 20.4363, -21.5277$.

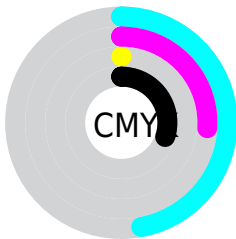
Distribution



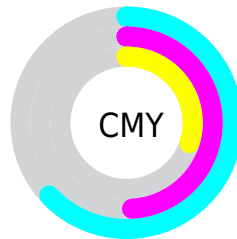
- Red (37%)
- Green (51%)
- Blue (70%)



- Red (37%)
- Yellow (47%)
- Blue (70%)



- Cyan (47%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (63%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2950, 25.9836, -27.4457 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 125.2950, 25.9836, -27.4457 by changing the saturation by 10% instead.

■ 125.2950, 25.9836,
-27.4457

■ 125.2950, 25.9836,
-27.4457

■ 255.0000, 0.0000,
0.0000

■ 99.4690, 25.4048,
-28.4753

■ 178.9360, 27.1466,
-27.1309

■ 74.0450, 25.1208,
-30.7345

■ 205.5510, 24.3784,
-25.9162

■ 46.0330, 26.6057,
-40.3709

■ 230.9460, 11.8586,
-23.6316

■ 30.9700, 22.1998,
-27.1607

■ 248.4220, 3.2430,
-13.5251

■ 16.0210, 18.2306,
-14.0504

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 125.2950, 25.9836,
-27.4457

■ 125.2950, 25.9836,
-27.4457

■ 114.0430, 31.5308,
-33.3637

■ 136.5470, 20.4363,
-21.5277

■ 102.7910, 37.0780,
-39.2817

■ 147.7990, 14.8891,
-15.6097

■ 91.8380, 42.4779,
-44.5849

■ 158.7520, 9.4893,
-10.3065

■ 80.5860, 48.0251,
-50.5029

■ 170.0040, 3.9420,
-4.3885

■ 69.3340, 53.5723,
-56.4209

■ 181.2560, -1.6052,
1.5295

■ 66.0780, 55.1775,
-57.9504

■ 192.5080, -7.1524,
7.4475

■ 203.7600,
-12.6997, 13.3655

■ 214.7130,
-18.0995, 18.6687

■ 225.9650,
-23.6467, 24.5867

Harmonies

Analogous

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



116.6460, 26.7965, -54.9405



125.2950, 25.9836, -27.4457



130.6900, 20.3658, 1.1489

Triad

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



125.2950, 25.9836, -27.4457



130.6370, -12.6390, 40.6604



120.8320, -8.7912, -27.0397

Complementary

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



125.2950, 25.9836, -27.4457



146.7050, -25.9836, 27.4457

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.



124.5160, -19.4814, -4.8375



125.2950, 25.9836, -27.4457



128.9920, -21.1951, 31.5790

Square

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



125.2950, 25.9836, -27.4457



131.6010, -1.2823, 38.0609



126.9100, -23.6196, 15.8649



115.2880, 6.2670, -50.2416

Rectangle

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



125.2950, 25.9836, -27.4457



131.8940, 14.3493, 17.6330



126.9100, -23.6196, 15.8649



121.8500, -12.7441, -19.1625

Sweetspot

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



125.2950, 25.9836, -27.4457



211.8660, 9.9261, -10.4065



148.5520, -4.2161, -47.8421



104.5630, 6.1314, -6.6328



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



125.2950, 25.9836, -27.4457



149.0940, 40.8727, -43.0554



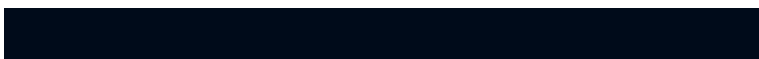
104.7720, 36.1014, -5.9390



83.3740, 2.7736, -2.9590



56.7710, 47.4409, -49.7882



9.4210, 8.1734, -8.2622

Inverse Universe

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



123.3340, 3.7793, 47.9421



146.0800, 5.8766, 75.3518



167.2280, -36.1014, 5.9390



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 125.2950, 25.9836, -27.4457 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 125.2950, 25.9836, -27.4457 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

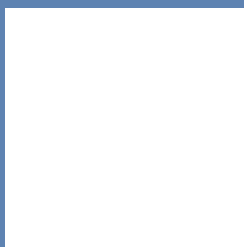
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 125.2950, 25.9836, -27.4457

Background



This preview shows how black text looks on a background with the YUV color 125.2950, 25.9836, -27.4457.

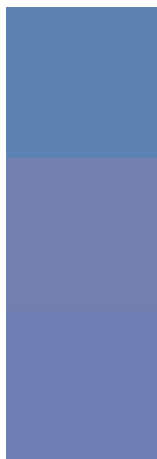


This preview shows how white text looks on a background with the YUV color 125.2950, 25.9836, -27.4457.

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

125.2950, 25.9836, -27.4457

Protanopia

128.5850, 22.8826, -12.7910

Deuteranopia

128.1440, 25.0720, -15.0353



Tritanopia

122.7060, 12.4699, -33.0682

Trichromacy



Original Color

125.2950, 25.9836, -27.4457

Protanomaly

127.1930, 24.0619, -17.7093

Deuteranomaly

126.9370, 25.6671, -19.2387

Tritanomaly

123.6830, 17.4113, -31.2940

Monochromacy



Original Color

125.2950, 25.9836, -27.4457

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2950, 25.9836, -27.4457 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(94, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(94, 131, 178)  
}
```

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(94, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 178) }
```

Border

The CSS property to change the border of an element to YUV 125.2950, 25.9836, -27.4457 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(94, 131, 178) }
```


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

```
.border{ border-color:rgb(94, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(94, 131,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 125.2950, 25.9836, -27.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 178) }
```

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

```
.background{ background-color: rgb(94, 131,  
178) }
```

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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