

Converting Colors

YUV(87.9960, 26.1310,
-28.0605)

Have a look what the booklet for
YUV(87.9960, 26.1310, -28.0605)
contains.

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Color

**YUV(87.9960, 26.1310,
-28.0605)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 385E8D |
| RGB | 56, 94, 141 |
| RGB Percent | 22%, 37%, 55% |
| CMY | 0.7804, 0.6314, 0.4471 |
| CMYK | 0.60, 0.33, 0.00, 0.45 |
| HSL | 213°, 43%, 39% |
| HSV | 213°, 60%, 55% |
| XYZ | 10.4413, 10.7692, 26.7277 |
| YIQ | 87.9960, -37.7350, 6.5610 |

Conversions

Conversions Part 2

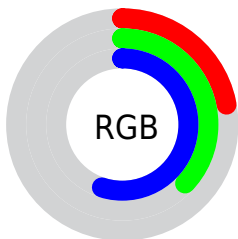
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 56, 82, 141 |
| Decimal | 3694221 |
| CIE Lab | 39.19, 1.58, -30.07 |
| CIE LCh | 39, 30.115, 273.010 |
| Yxy | 10.7692, 0.2178, 0.2246 |
| Android (android.graphics.Color) | 4281884301 (0xFF385E8D) |
| YUV | 87.9960, 26.1310, -28.0605 |
| Hunter-Lab | 32.8165, -0.6352, -25.3176 |

Details

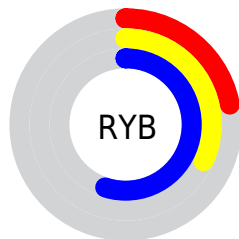
The YUV color **87.9960, 26.1310, -28.0605** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.0040, -26.1310, 28.0605**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6480, 27.2885, -26.0013**, and **38.4360, 25.4211, -33.7084** is the 20% darker color. If you saturate the color by 10%, you get **79.1140, 30.5098, -32.5490**, and if you desaturate by 10%, it is **96.8780, 21.7521, -23.5720**.

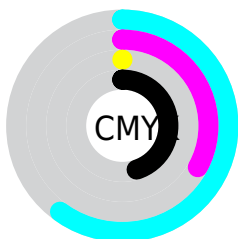
Distribution



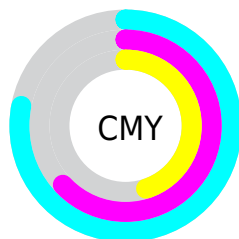
- Red (22%)
- Green (37%)
- Blue (55%)



- Red (22%)
- Yellow (32%)
- Blue (55%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (45%)



- Cyan (78%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9960, 26.1310, -28.0605 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 87.9960, 26.1310, -28.0605 by changing the saturation by 10% instead.

■ 87.9960, 26.1310,
-28.0605

■ 87.9960, 26.1310,
-28.0605

■ 255.0000, 0.0000,
0.0000

■ 62.5610, 25.8524,
-32.0640

■ 139.6480, 27.2885,
-26.0013

■ 38.4360, 25.4211,
-33.7084

■ 166.7620, 27.7253,
-26.1013

■ 24.0740, 21.1625,
-21.1129

■ 194.2890, 28.4515,
-25.6865

■ 6.7770, 18.3509,
-5.9434

■ 219.4390, 17.5316,
-23.1870

■ 3.2090, 9.7570,
-2.8143

■ 244.5460, 5.1538,
-19.7728

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 87.9960, 26.1310,
-28.0605

■ 87.9960, 26.1310,
-28.0605

■ 79.1140, 30.5098,
-32.5490

■ 96.8780, 21.7521,
-23.5720

■ 70.2320, 34.8886,
-37.0375

■ 105.7600, 17.3733,
-19.0835

■ 61.9370, 38.9781,
-42.0407

■ 114.0550, 13.2839,
-14.0802

■ 53.0550, 43.3569,
-46.5292

■ 122.9370, 8.9051,
-9.5917

■ 132.1180, 4.3788,
-4.4885

■ 141.0000, 0.0000,
0.0000

■ 149.8820, -4.3788,
4.4885

■ 158.1770, -8.4683,
9.4918

■ 167.0590,
-12.8471, 13.9803

Harmonies

Analogous

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



74.6770, 29.7392, -65.4917



87.9960, 26.1310, -28.0605



94.3590, 19.0500, 3.1932

Triad

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



87.9960, 26.1310, -28.0605



92.6260, -12.6336, 38.9160



82.6790, -6.7437, -30.4135

Complementary

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



87.9960, 26.1310, -28.0605



109.0040, -26.1310, 28.0605

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.



87.4340, -18.4550, -7.3966



87.9960, 26.1310, -28.0605



91.6820, -21.0422, 29.2199

Square

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



87.9960, 26.1310, -28.0605



93.9000, -1.4297, 38.6757



90.1870, -23.7562, 12.9910



72.3510, 10.6730, -63.4518

Rectangle

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



87.9960, 26.1310, -28.0605



95.2640, 13.1808, 19.0625



90.1870, -23.7562, 12.9910



84.5830, -11.1334, -22.4363

Sweetspot

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



87.9960, 26.1310, -28.0605



162.9800, 10.3629, -10.5065



111.2530, -4.0687, -48.4569



79.5630, 6.1314, -6.6328



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.9960, 26.1310, -28.0605



101.3820, 40.7307, -44.1850



66.8860, 36.5382, -6.0390



66.5590, 2.1894, -2.2442



50.6100, 41.6043, -44.3850



2.6730, 2.6262, -2.3442

Inverse Universe

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



85.7470, 4.0687, 48.4569



97.6070, 6.6027, 75.7667



130.1140, -36.5382, 6.0390



66.4350, 0.2785, 4.0035



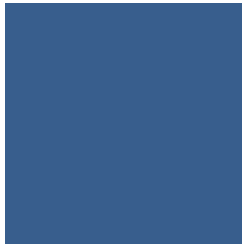
47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 87.9960, 26.1310, -28.0605 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 87.9960, 26.1310, -28.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

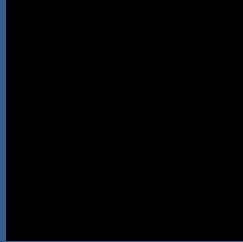
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9960, 26.1310, -28.0605

Background



This preview shows how black text looks on a background with the YUV color 87.9960, 26.1310, -28.0605.

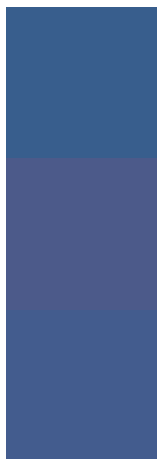


This preview shows how white text looks on a background with the YUV color 87.9960, 26.1310,

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

87.9960, 26.1310, -28.0605

Protanopia

91.2860, 23.0300, -13.4058

Deuteranopia

90.2250, 25.5251, -20.3683



Tritanopia

83.3850, 12.6282, -37.1716

Trichromacy



Original Color

87.9960, 26.1310, -28.0605

Protanomaly

89.8940, 24.2093, -18.3240

Deuteranomaly

89.6160, 25.8253, -23.3422

Tritanomaly

85.0740, 17.7115, -34.2679

Monochromacy



Original Color

87.9960, 26.1310, -28.0605

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7520, 9.4893, -10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9960, 26.1310, -28.0605 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(56, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(56, 94, 141)  
}
```

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(56, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 94, 141) }
```

Border

The CSS property to change the border of an element to YUV 87.9960, 26.1310, -28.0605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

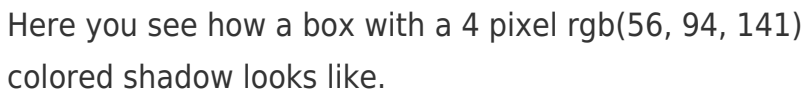
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 94, 141) }
```


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

```
.border{ border-color:rgb(56, 94, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 94, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(56, 94,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 87.9960, 26.1310, -28.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 94, 141) }
```

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

```
.background{ background-color: rgb(56, 94,  
141) }
```

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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