

Converting Colors

YUV(87.8780, -28.5339, 5.3690)

Have a look what the booklet for
YUV(87.8780, -28.5339, 5.3690)
contains.

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Color

**YUV(87.8780, -28.5339,
5.3690)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5E601E |
| RGB | 94, 96, 30 |
| RGB Percent | 37%, 38%, 12% |
| CMY | 0.6314, 0.6235, 0.8824 |
| CMYK | 0.02, 0.00, 0.69, 0.62 |
| HSL | 62°, 52%, 25% |
| HSV | 62°, 69%, 38% |
| XYZ | 9.0333, 10.8392, 2.8444 |
| YIQ | 87.8780, 19.9940, -20.9500 |

Conversions

Conversions Part 2

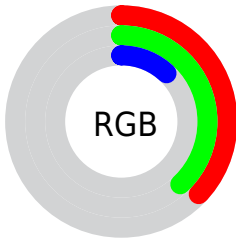
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 30, 96, 32 |
| Decimal | 6184990 |
| CIELab | 39.31, -10.22, 36.02 |
| CIELCh | 39, 37.438, 105.842 |
| Yxy | 10.8392, 0.3976, 0.4771 |
| Android (android.graphics.Color) | 4284375070 (0xFF5E601E) |
| YUV | 87.8780, -28.5339, 5.3690 |
| Hunter-Lab | 32.9229, -8.6386, 17.9237 |

Details

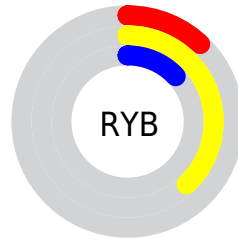
The YUV color **87.8780, -28.5339, 5.3690** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **38.1220, 28.5339, -5.3690**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2480, -29.7023, 6.7985**, and **43.1040, -21.2503, 2.5398** is the 20% darker color. If you saturate the color by 10%, you get **86.7380, -32.9018, 6.3688**, and if you desaturate by 10%, it is **89.0180, -24.1659, 4.3692**.

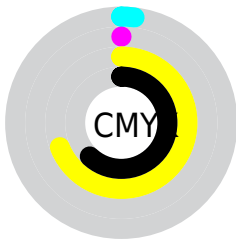
Distribution



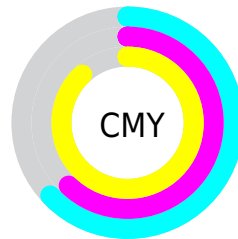
- Red (37%)
- Green (38%)
- Blue (12%)



- Red (12%)
- Yellow (38%)
- Blue (13%)



- Cyan (2%)
- Magenta (0%)
- Yellow (69%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8780, -28.5339, 5.3690 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 87.8780, -28.5339, 5.3690 by changing the saturation by 10% instead.

87.8780, -28.5339,
5.3690

87.8780, -28.5339,
5.3690

255.0000, 0.0000,
0.0000

63.3510, -29.2600,
4.9542

138.2480,
-29.7023, 6.7985

43.1040, -21.2503,
2.5398

165.3190,
-30.7233, 7.6132

23.3020, -11.4879,
-2.0189

192.5040,
-31.3075, 8.3280

0.0000, 0.0000,
0.0000

220.2760,
-32.1811, 8.5279

246.6780,
-31.8863, 7.2984

249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 87.8780, -28.5339,
5.3690

■ 87.8780, -28.5339,
5.3690

■ 86.7380, -32.9018,
6.3688

■ 89.0180, -24.1659,
4.3692

■ 85.4130, -36.6856,
6.6538

■ 90.3430, -20.3821,
4.0842

■ 84.2730, -41.0536,
7.6536

■ 91.4830, -16.0141,
3.0844

■ 84.1590, -41.4904,
7.7536

■ 92.5090, -12.0829,
2.1846

■ 93.6490, -7.7150,
1.1848

■ 95.0880, -3.4944,
0.7998

■ 96.1140, 0.4368,
-0.1000

■ 97.2540, 4.8048,
-1.0998

■ 98.5790, 8.5886,
-1.3848

Harmonies

Analogous

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



90.4940, -29.3305, 27.6308



87.8780, -28.5339, 5.3690



83.5740, -17.5380, -21.5514

Triad

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



87.8780, -28.5339, 5.3690



77.7260, 28.7291, -68.1657



94.3870, 6.7112, 40.8796

Complementary

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



87.8780, -28.5339, 5.3690



38.1220, 28.5339, -5.3690

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.



95.5610, 19.4434, 17.0480



87.8780, -28.5339, 5.3690



75.9140, 37.0174, -66.5766

Square

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



87.8780, -28.5339, 5.3690



75.7080, 15.9200, -66.3959



90.3760, 29.8876, -19.6238



92.1850, -6.9932, 49.8268

Rectangle

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



87.8780, -28.5339, 5.3690



76.6230, -5.2371, -47.0274



90.3760, 29.8876, -19.6238



94.6080, 11.5323, 34.5468

Sweetspot

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



87.8780, -28.5339, 5.3690



121.7370, -11.2093, 1.9847



50.3210, -10.0183, 40.0605



61.8770, -6.8414, 0.9849



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.8780, -28.5339, 5.3690



112.2470, -44.9848, 8.5534



78.3100, -23.8168, -14.3039



47.5440, -1.7472, 0.3999



98.3350, -48.4792, 9.3532



210.2480, -103.6523, 19.0765

Inverse Universe

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



38.1220, 28.5339, -5.3690



33.7530, 44.9848, -8.5534



47.6900, 23.8168, 14.3039



44.4560, 1.7472, -0.3999



13.6650, 48.4792, -9.3532



29.4530, 103.7997, -19.6913

Previews

White Background



This preview shows how the YUV color 87.8780, -28.5339, 5.3690 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 87.8780, -28.5339, 5.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

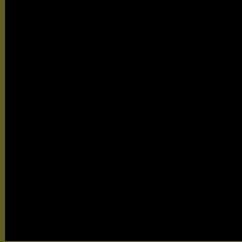
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8780, -28.5339, 5.3690

Background



This preview shows how black text looks on a background with the YUV color 87.8780, -28.5339, 5.3690.



This preview shows how white text looks on a background with the YUV color 87.8780, -28.5339,

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

87.8780, -28.5339, 5.3690

Protanopia

88.9930, -29.5765, 13.1611

Deuteranopia

90.1020, -28.1513, 22.7125



Tritanopia

93.7880, 1.5835, 5.4479

Trichromacy



Original Color

87.8780, -28.5339, 5.3690

Protanomaly

88.3840, -29.2763, 10.1872

Deuteranomaly

89.3570, -28.2770, 16.3499

Tritanomaly

91.6280, -9.1836, 5.5882

Monochromacy



Original Color

87.8780, -28.5339, 5.3690

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9650, -10.3357, 1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8780, -28.5339, 5.3690 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, 96, 30)` looks like.

```
.text, #text, p{  
    color:rgb(94, 96, 30)  
}
```

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, 96, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 96, 30) }
```

Border

The CSS property to change the border of an element to YUV 87.8780, -28.5339, 5.3690 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, 96, 30) }
```


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

```
.border{ border-color:rgb(94, 96, 30) }
```

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

Here you see how a box with a 4 pixel rgb(94, 96, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 96, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 96, 30);  
box-shadow:4px 4px 4px 4px rgb(94, 96, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.8780, -28.5339, 5.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 96, 30) }
```

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

```
.background{ background-color: rgb(94, 96,  
30) }
```

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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