

Converting Colors

YUV(93.3770, -28.7799, -9.1006)

Have a look what the booklet for
YUV(93.3770, -28.7799, -9.1006)
contains.

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Color

**YUV(93.3770, -28.7799,
-9.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	536E23
RGB	83, 110, 35
RGB Percent	33%, 43%, 14%
CMY	0.6745, 0.5686, 0.8627
CMYK	0.25, 0.00, 0.68, 0.57
HSL	82°, 52%, 28%
HSV	82°, 68%, 43%
XYZ	9.4466, 13.1122, 3.6231
YIQ	93.3770, 7.9830, -29.0490

Conversions

Conversions Part 2

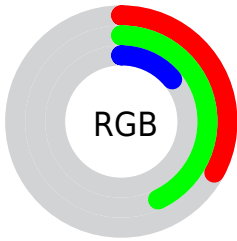
Format	Color
R_{YB}	35, 110, 62
Decimal	5467683
CIE Lab	42.93, -22.41, 37.28
CIE LCh	43, 43.496, 121.014
Yxy	13.1122, 0.3608, 0.5008
Android (android.graphics.Color)	4283657763 (0xFF536E23)
YUV	93.3770, -28.7799, -9.1006
Hunter-Lab	36.2108, -16.8022, 19.4152

Details

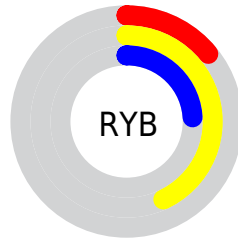
The YUV color **93.3770, -28.7799, -9.1006** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **51.6230, 28.7799, 9.1006**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0350, -30.0903, -8.8007**, and **46.8590, -23.1015, -10.4003** is the 20% darker color. If you saturate the color by 10%, you get **90.9270, -32.9950, -10.4600**, and if you desaturate by 10%, it is **95.8270, -24.5647, -7.7413**.

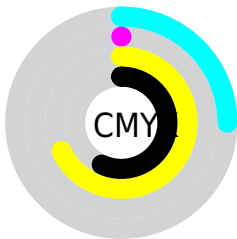
Distribution



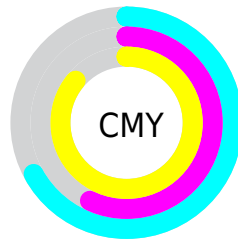
- Red (33%)
- Green (43%)
- Blue (14%)



- Red (14%)
- Yellow (43%)
- Blue (24%)



- Cyan (25%)
- Magenta (0%)
- Yellow (68%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3770, -28.7799, -9.1006 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 93.3770, -28.7799, -9.1006 by changing the saturation by 10% instead.

93.3770, -28.7799,
-9.1006

93.3770, -28.7799,
-9.1006

255.0000, 0.0000,
0.0000

68.7360, -29.9428,
-9.4155

145.0350,
-30.0903, -8.8007

46.8590, -23.1015,
-10.4003

171.8070,
-30.9639, -8.6007

25.8720, -12.7549,
-15.6737

199.2800,
-31.6900, -9.0156

10.5660, -5.2090,
-9.2664

227.4650,
-32.2742, -8.3008

0.0000, 0.0000,
0.0000

244.7850,
-27.5020, 1.0656

250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

93.3770, -28.7799,
-9.1006

93.3770, -28.7799,
-9.1006

90.9270, -32.9950,
-10.4600

95.8270, -24.5647,
-7.7413

88.4770, -37.2102,
-11.8193

98.2770, -20.3496,
-6.3819

86.0270, -41.4253,
-13.1787

100.7270,
-16.1344, -5.0226

85.5000, -42.1515,
-13.5935

103.1770,
-11.9193, -3.6632

105.6270, -7.7041,
-2.3039

■ 108.0770, -3.4890,
-0.9445

■ 110.5270, 0.7262,
0.4148

■ 112.9770, 4.9413,
1.7742

■ 115.4270, 9.1565,
3.1335

Harmonies

Analogous

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



96.9030, -36.4342, 19.3791



93.3770, -28.7799, -9.1006



83.5750, -9.1575, -49.6163

Triad

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



93.3770, -28.7799, -9.1006



85.6140, 38.6443, -75.0835



100.8790, 0.5527, 56.2341

Complementary

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



93.3770, -28.7799, -9.1006



51.6230, 28.7799, 9.1006

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.



103.8840, 16.3262, 36.9357



93.3770, -28.7799, -9.1006



81.3570, 45.1800, -71.3501

Square

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



93.3770, -28.7799, -9.1006



84.8840, 25.6932, -74.4433



103.0950, 29.5332, 0.7937



99.7100, -16.6190, 57.2593

Rectangle

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



93.3770, -28.7799, -9.1006



79.4120, 4.7269, -69.6443



103.0950, 29.5332, 0.7937



101.6380, 6.0945, 52.0605

Sweetspot

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



93.3770, -28.7799, -9.1006



136.7040, -11.1931, -3.2484



72.6870, -18.5797, 32.7235



67.2680, -6.5411, -1.9890



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.3770, -28.7799, -9.1006



117.1040, -44.9143, -14.1232



82.3140, -23.3258, -31.8474



54.7180, -2.3260, -0.6297



93.4630, -46.0773, -14.4381



192.2310, -94.7699, -30.0206

Inverse Universe

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



51.6230, 28.7799, 9.1006



51.8960, 44.9143, 14.1232



62.6860, 23.3258, 31.8474



51.5810, 2.1786, 1.2445



26.5370, 46.0773, 14.4381



54.7690, 94.7699, 30.0206

Previews

White Background



This preview shows how the YUV color 93.3770, -28.7799, -9.1006 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 93.3770, -28.7799, -9.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

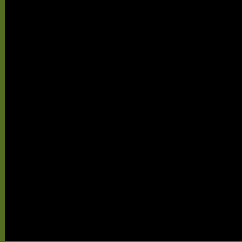
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3770, -28.7799, -9.1006

Background



This preview shows how black text looks on a background with the YUV color 93.3770, -28.7799, -9.1006.



This preview shows how white text looks on a background with the YUV color 93.3770, -28.7799,

-9.1006.

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

93.3770, -28.7799, -9.1006

Protanopia

96.8360, -31.4711, 14.1758

Deuteranopia

98.5860, -28.8829, 24.0421



Tritanopia

100.6230, 5.1159, -7.5624

Trichromacy



Original Color

93.3770, -28.7799, -9.1006

Protanomaly

95.4220, -30.2810, 5.7689

Deuteranomaly

96.5090, -28.8449, 11.8316

Tritanomaly

98.2950, -7.5404, -8.1517

Monochromacy



Original Color

93.3770, -28.7799, -9.1006

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9320, -10.3195, -3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3770, -28.7799, -9.1006 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, 110, 35)` looks like.

```
.text, #text, p{  
    color:rgb(83, 110, 35)  
}
```

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, 110, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 110, 35) }
```

Border

The CSS property to change the border of an element to YUV 93.3770, -28.7799, -9.1006 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, 110, 35) }
```


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

```
.border{ border-color:rgb(83, 110, 35) }
```

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

Here you see how a box with a 4 pixel rgb(83, 110, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 110, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 110, 35);  
box-shadow:4px 4px 4px 4px rgb(83, 110,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 93.3770, -28.7799, -9.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 110, 35) }
```

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

```
.background{ background-color: rgb(83, 110,  
35) }
```

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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