

Converting Colors

YUV(93.3900, -25.3353,
-40.6840)

Have a look what the booklet for
YUV(93.3900, -25.3353, -40.6840)
contains.

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Color

**YUV(93.3900, -25.3353,
-40.6840)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 2F7F2A |
| RGB | 47, 127, 42 |
| RGB Percent | 18%, 50%, 16% |
| CMY | 0.8157, 0.5020, 0.8353 |
| CMYK | 0.63, 0.00, 0.67, 0.50 |
| HSL | 116°, 50%, 33% |
| HSV | 116°, 67%, 50% |
| XYZ | 9.1796, 15.9502, 4.7854 |
| YIQ | 93.3900, -20.3950, -43.3950 |

Conversions

Conversions Part 2

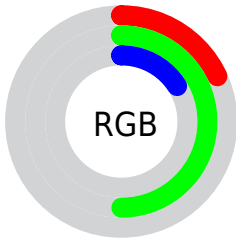
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 42, 127, 122 |
| Decimal | 3112746 |
| CIE _{Lab} | 46.91, -41.76, 37.88 |
| CIE _{LCh} | 47, 56.382, 137.785 |
| Yxy | 15.9502, 0.3069, 0.5332 |
| Android (android.graphics.Color) | 4281302826 (0xFF2F7F2A) |
| YUV | 93.3900, -25.3353, -40.6840 |
| Hunter-Lab | 39.9378, -28.8634, 20.8523 |

Details

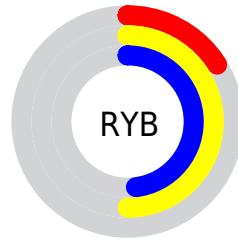
The YUV color **93.3900, -25.3353, -40.6840** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75.6100, 25.3353, 40.6840**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4180, -27.8141, -38.9546**, and **45.1990, -22.2831, -39.6395** is the 20% darker color. If you saturate the color by 10%, you get **88.3200, -29.2448, -46.7616**, and if you desaturate by 10%, it is **98.4600, -21.4258, -34.6064**.

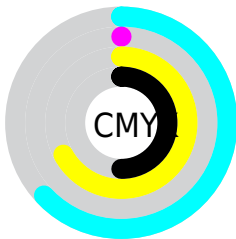
Distribution



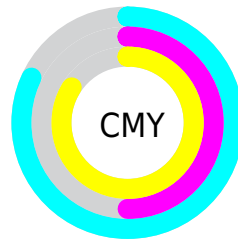
- Red (18%)
- Green (50%)
- Blue (16%)



- Red (16%)
- Yellow (50%)
- Blue (48%)



- Cyan (63%)
- Magenta (0%)
- Yellow (67%)
- Black (50%)



- Cyan (82%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3900, -25.3353, -40.6840 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 93.3900, -25.3353, -40.6840 by changing the saturation by 10% instead.

■ 93.3900, -25.3353,
-40.6840

■ 93.3900, -25.3353,
-40.6840

255.0000, 0.0000,
0.0000

■ 64.1010, -23.7138,
-47.4466

■ 147.4180,
-27.8141, -38.9546

■ 45.1990, -22.2831,
-39.6395

■ 174.3040,
-28.2509, -38.8546

■ 31.1110, -15.3377,
-27.2843

■ 202.6630,
-29.4139, -39.1695

■ 18.7840, -9.2605,
-16.4736

■ 224.6790,
-26.9567, -33.9215

■ 0.0000, 0.0000,
0.0000

■ 236.5420,
-19.0012, -18.8923

■ 248.4050,

-11.0457, -3.8632

■ 93.3900, -25.3353,
-40.6840

■ 93.3900, -25.3353,
-40.6840

■ 88.3200, -29.2448,
-46.7616

■ 98.4600, -21.4258,
-34.6064

■ 83.3640, -32.7175,
-52.9392

■ 103.4160,
-17.9531, -28.4288

■ 78.2940, -36.6269,
-59.0168

■ 108.4860,
-14.0436, -22.3512

■ 76.6420, -37.7845,
-61.0760

■ 113.5560,
-10.1341, -16.2736

■ 118.6260, -6.2246,
-10.1960

■ 123.5820, -2.7519,
-4.0184

■ 128.6520, 1.1576,
2.0592

■ 133.7220, 5.0671,
8.1368

■ 138.6780, 8.5397,
14.3144

Harmonies

Analogous

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



100.6720, -49.6313, 5.5497



93.3900, -25.3353, -40.6840



87.7440, 1.1122, -76.9515

Triad

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



93.3900, -25.3353, -40.6840



94.8700, 53.8011, -83.2010



105.5630, -10.1376, 78.4362

Complementary

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



93.3900, -25.3353, -40.6840



75.6100, 25.3353, 40.6840

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.



108.9310, 11.8660, 67.5895



93.3900, -25.3353, -40.6840



105.8700, 47.3921, -34.0890

Square

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



93.3900, -25.3353, -40.6840



96.9440, 41.4396, -85.0199



114.0970, 30.0252, 29.7329



107.0410, -32.0652, 64.8620

Rectangle

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



93.3900, -25.3353, -40.6840



92.0930, 15.2372, -80.7656



114.0970, 30.0252, 29.7329



105.6260, -2.2806, 78.3810

Sweetspot

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



93.3900, -25.3353, -40.6840



152.9690, -9.8447, -15.7588



113.7880, -35.3915, 11.5869



76.0390, -5.9352, -9.6812



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.3900, -25.3353, -40.6840



113.4630, -39.6683, -63.5501



96.1130, -8.4367, -47.4571



61.4080, -2.1731, -2.9888



77.2290, -38.0739, -61.5908



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.6100, 25.3353, 40.6840



85.5370, 39.6683, 63.5501



72.8870, 8.4367, 47.4571



59.5920, 2.1731, 2.9888



50.4720, 38.2213, 60.9761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.3900, -25.3353, -40.6840 looks on a white background.

Color Contrast Check

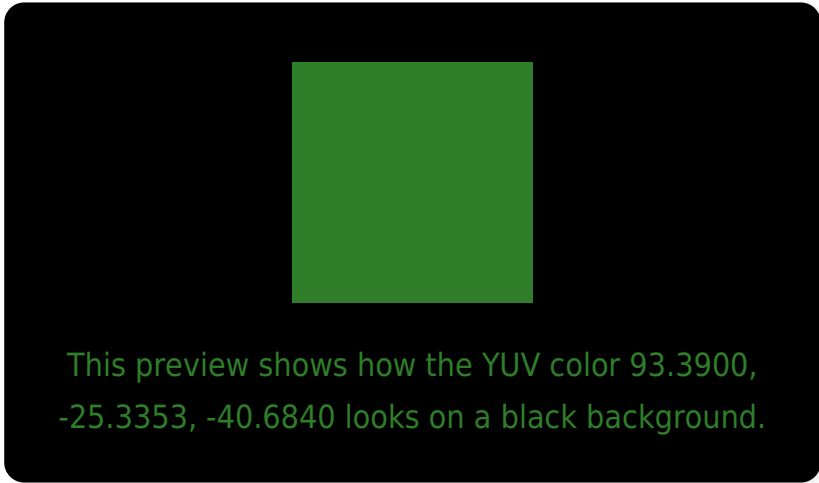
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 93.3900, -25.3353, -40.6840

Background



This preview shows how black text looks on a background with the YUV color 93.3900, -25.3353, -40.6840.



This preview shows how white text looks on a background with the YUV color 93.3900, -25.3353, -40.6840.

-40.6840.

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

93.3900, -25.3353, -40.6840

Protanopia

106.5650, -33.8025, 15.2905

Deuteranopia

108.1840, -29.1777, 25.2716



Tritanopia

104.7770, 11.4489, -32.2534

Trichromacy



Original Color

93.3900, -25.3353, -40.6840

Protanomaly

101.8290, -30.9747, -5.1120

Deuteranomaly

102.6710, -27.9388, 1.1655

Tritanomaly

100.6120, -1.7807, -35.6167

Monochromacy



Original Color

93.3900, -25.3353, -40.6840

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7950, -9.2659, -14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3900, -25.3353, -40.6840 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(47, 127, 42)` looks like.

```
.text, #text, p{  
    color:rgb(47, 127, 42)  
}
```

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(47, 127, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 127, 42) }
```

Border

The CSS property to change the border of an element to YUV 93.3900, -25.3353, -40.6840 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(47, 127, 42) }
```


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

```
.border{ border-color:rgb(47, 127, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 127, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 127, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 127, 42);  
box-shadow:4px 4px 4px 4px rgb(47, 127,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 93.3900, -25.3353, -40.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 127, 42) }
```

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

```
.background{ background-color: rgb(47, 127,  
42) }
```

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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