

Converting Colors

YUV(95.2560, -28.7202,
-28.2885)

Have a look what the booklet for
YUV(95.2560, -28.7202, -28.2885)
contains.

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Color

**YUV(95.2560, -28.7202,
-28.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7B25
RGB	63, 123, 37
RGB Percent	25%, 48%, 15%
CMY	0.7529, 0.5176, 0.8549
CMYK	0.49, 0.00, 0.70, 0.52
HSL	102°, 54%, 31%
HSV	102°, 70%, 48%
XYZ	9.4668, 15.3563, 4.2154
YIQ	95.2560, -8.1540, -39.4660

Conversions

Conversions Part 2

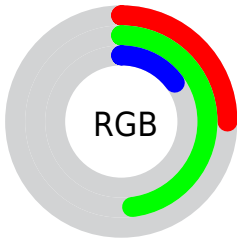
Format	Color
RYB	37, 123, 97
Decimal	4160293
CIELab	46.12, -35.98, 39.44
CIELCh	46, 53.388, 132.373
Yxy	15.3563, 0.3260, 0.5288
Android (android.graphics.Color)	4282350373 (0xFF3F7B25)
YUV	95.2560, -28.7202, -28.2885
Hunter-Lab	39.1871, -25.4554, 21.0531

Details

The YUV color **95.2560, -28.7202, -28.2885** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **64.7440, 28.7202, 28.2885**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9140, -30.0306, -27.9886**, and **43.4490, -21.4204, -36.3508** is the 20% darker color. If you saturate the color by 10%, you get **91.1970, -32.6351, -32.6218**, and if you desaturate by 10%, it is **99.3150, -24.8053, -23.9553**.

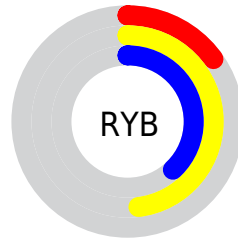
Distribution



Red (25%)

Green (48%)

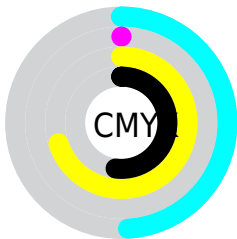
Blue (15%)



Red (15%)

Yellow (48%)

Blue (38%)

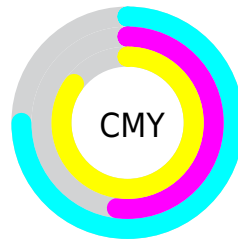


Cyan (49%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2560, -28.7202, -28.2885 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 95.2560, -28.7202, -28.2885 by changing the saturation by 10% instead.

■ 95.2560, -28.7202,
-28.2885

■ 95.2560, -28.7202,
-28.2885

255.0000, 0.0000,
0.0000

■ 69.3160, -29.7358,
-29.2181

■ 147.9140,
-30.0306, -27.9886

■ 43.4490, -21.4204,
-36.3508

■ 175.2730,
-31.1936, -28.3034

■ 29.3500, -14.4695,
-25.7399

■ 203.0450,
-32.0672, -28.1035

■ 17.6100, -8.6817,
-15.4440

■ 227.9960,
-31.0570, -25.4295

■ 0.0000, 0.0000,
0.0000

■ 239.8590,
-23.1015, -10.4003

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 95.2560, -28.7202,
-28.2885

■ 95.2560, -28.7202,
-28.2885

■ 91.1970, -32.6351,
-32.6218

■ 99.3150, -24.8053,
-23.9553

■ 87.3230, -37.1342,
-36.2403

■ 103.1890,
-20.3062, -20.3368

■ 83.2640, -41.0492,
-40.5735

■ 107.2480,
-16.3913, -16.0035

■ 111.0080,
-12.3289, -12.2850

■ 115.1810, -7.9772,
-8.0517

■ 118.9410, -3.9149,
-4.3333

■ 123.0000, 0.0000,
0.0000

■ 127.0590, 3.9149,
4.3333

■ 130.9330, 8.4140,
7.9518

Harmonies

Analogous

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



100.4170, -49.5056, 11.9123



95.2560, -28.7202, -28.2885



84.2560, -2.0982, -73.8925

Triad

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



95.2560, -28.7202, -28.2885



93.8440, 49.8699, -82.3012



104.6810, -5.7587, 73.9478

Complementary

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



95.2560, -28.7202, -28.2885



64.7440, 28.7202, 28.2885

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.



108.7450, 13.9297, 58.9826



95.2560, -28.7202, -28.2885



99.3090, 48.1617, -47.6290

Square

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



95.2560, -28.7202, -28.2885



94.4020, 36.7768, -82.7906



112.6720, 31.2207, 19.5817



105.4200, -26.8291, 65.4067

Rectangle

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



95.2560, -28.7202, -28.2885



89.0780, 11.3005, -78.1214



112.6720, 31.2207, 19.5817



106.0920, 0.9406, 71.8333

Sweetspot

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



95.2560, -28.7202, -28.2885



149.9480, -11.3134, -11.3554



97.3470, -29.7511, 22.4977



75.1210, -6.9617, -7.1221



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



95.2560, -28.7202, -28.2885



117.5040, -45.1115, -44.2920



89.3060, -17.8989, -45.8724



59.1200, -2.0312, -1.8592



84.7370, -41.7753, -40.9883



170.6480, -84.1295, -83.0063

Inverse Universe

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



64.7440, 28.7202, 28.2885



69.4960, 45.1115, 44.2920



70.6940, 17.8989, 45.8724



56.8800, 2.0312, 1.8592



40.2630, 41.7753, 40.9883



81.3520, 84.1295, 83.0063

Previews

White Background



This preview shows how the YUV color 95.2560, -28.7202, -28.2885 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 95.2560, -28.7202, -28.2885 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 95.2560, -28.7202, -28.2885

Background



This preview shows how black text looks on a background with the YUV color 95.2560, -28.7202, -28.2885.



This preview shows how white text looks on a background with the YUV color 95.2560, -28.7202, -28.2885.

-28.2885.

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

95.2560, -28.7202, -28.2885

Protanopia

104.2230, -35.1129, 15.5904

Deuteranopia

105.8420, -30.4881, 25.5716



Tritanopia

104.9630, 9.3852, -23.6466

Trichromacy



Original Color

95.2560, -28.7202, -28.2885

Protanomaly

100.9930, -33.0275, 0.0061

Deuteranomaly

101.8350, -29.9917, 6.2837

Tritanomaly

101.5810, -4.7234, -25.0655

Monochromacy



Original Color

95.2560, -28.7202, -28.2885

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8880, -10.2978, -10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2560, -28.7202, -28.2885 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(63, 123, 37)` looks like.

```
.text, #text, p{  
    color:rgb(63, 123, 37)  
}
```

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(63, 123, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 123, 37) }
```

Border

The CSS property to change the border of an element to YUV 95.2560, -28.7202, -28.2885 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(63, 123, 37) }
```


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

```
.border{ border-color:rgb(63, 123, 37) }
```

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

Here you see how a box with a 4 pixel rgb(63, 123, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 123, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 123, 37);  
box-shadow:4px 4px 4px 4px rgb(63, 123,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 95.2560, -28.7202, -28.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 123, 37) }
```

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

```
.background{ background-color: rgb(63, 123,  
37) }
```

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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