

Converting Colors

YUV(87.9900, 28.5989,
-26.3012)

Have a look what the booklet for
YUV(87.9900, 28.5989, -26.3012)
contains.

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Color

**YUV(87.9900, 28.5989,
-26.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5C92
RGB	58, 92, 146
RGB Percent	23%, 36%, 57%
CMY	0.7725, 0.6392, 0.4275
CMYK	0.60, 0.37, 0.00, 0.43
HSL	217°, 43%, 40%
HSV	217°, 60%, 57%
XYZ	10.7604, 10.6292, 28.6786
YIQ	87.9900, -37.5980, 9.5860

Conversions

Conversions Part 2

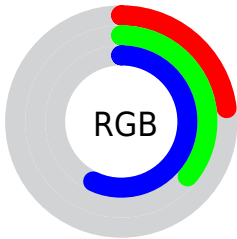
Format	Color
R_{YB}	58, 83, 146
Decimal	3824786
CIE _{Lab}	38.95, 5.03, -33.46
CIE _{LCh}	39, 33.839, 278.552
Yxy	10.6292, 0.2149, 0.2123
Android (android.graphics.Color)	4282014866 (0xFF3A5C92)
YUV	87.9900, 28.5989, -26.3012
Hunter-Lab	32.6024, 1.8595, -29.3327

Details

The YUV color $87.9900, 28.5989, -26.3012$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $116.0100, -28.5989, 26.3012$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $139.6420, 29.7565, -24.2420$, and $38.4190, 27.8944, -33.6935$ is the 20% darker color. If you saturate the color by 10%, you get $78.2220, 33.4146, -30.8897$, and if you desaturate by 10%, it is $97.7580, 23.7833, -21.7128$.

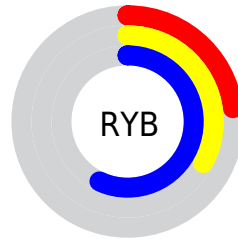
Distribution



Red (23%)

Green (36%)

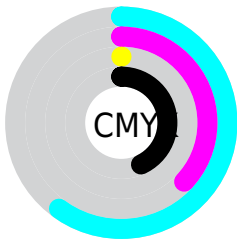
Blue (57%)



Red (23%)

Yellow (33%)

Blue (57%)

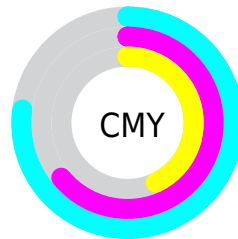


Cyan (60%)

Magenta (37%)

Yellow (0%)

Black (43%)



Cyan (77%)

Magenta (64%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9900, 28.5989, -26.3012 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 87.9900, 28.5989, -26.3012 by changing the saturation by 10% instead.

■ 87.9900, 28.5989,
-26.3012

■ 87.9900, 28.5989,
-26.3012

■ 255.0000, 0.0000,
0.0000

■ 62.5550, 28.3204,
-30.3047

■ 139.6420, 29.7565,
-24.2420

■ 38.4190, 27.8944,
-33.6935

■ 166.4680, 30.3353,
-23.2124

■ 23.9430, 23.1991,
-20.9980

■ 193.7670, 30.1879,
-22.5977

■ 7.2330, 20.0981,
-6.3433

■ 218.5750, 17.9575,
-19.7983

■ 3.6650, 11.5042,
-3.2142

■ 244.2690, 5.2904,
-16.8989

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 87.9900, 28.5989,
-26.3012

■ 87.9900, 28.5989,
-26.3012

■ 78.2220, 33.4146,
-30.8897

■ 97.7580, 23.7833,
-21.7128

■ 68.7530, 38.0828,
-34.8634

■ 107.2270, 19.1151,
-17.7391

■ 58.9850, 42.8984,
-39.4518

■ 116.9950, 14.2995,
-13.1506

■ 49.5160, 47.5666,
-43.4255

■ 126.4640, 9.6312,
-9.1769

■ 136.2320, 4.8156,
-4.5885

■ 146.0000, 0.0000,
0.0000

■ 155.4690, -4.6682,
3.9737

■ 165.2370, -9.4838,
8.5622

■ 174.7060,
-14.1521, 12.5358

Harmonies

Analogous

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



74.8880, 33.0862, -65.6768



87.9900, 28.5989, -26.3012



94.0330, 20.1967, 8.7411

Triad

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



87.9900, 28.5989, -26.3012



91.1380, -15.8440, 41.9750



77.8130, -3.3588, -42.8090

Complementary

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



87.9900, 28.5989, -26.3012



116.0100, -28.5989, 26.3012

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.



85.2870, -18.8755, -12.5297



87.9900, 28.5989, -26.3012



90.3570, -24.8260, 29.5049

Square

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



87.9900, 28.5989, -26.3012



92.3630, -3.6300, 44.4086



88.4810, -26.3661, 10.1022



73.5080, 12.5676, -64.4665

Rectangle

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



87.9900, 28.5989, -26.3012



94.3080, 13.1592, 26.0399



88.4810, -26.3661, 10.1022



81.2830, -9.5065, -30.9432

Sweetspot

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



87.9900, 28.5989, -26.3012



166.5070, 11.0890, -10.0916



115.6980, -2.3161, -50.6011



80.9760, 6.4208, -6.1180



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



87.9900, 28.5989, -26.3012



99.0280, 44.3562, -40.3666



70.7230, 37.1116, -3.2651



68.9720, 2.4788, -1.7294



46.8430, 44.9404, -41.0813



3.4880, 3.2104, -3.0590

Inverse Universe

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



88.1880, 1.8793, 50.7011



99.5920, 2.6661, 78.4108



133.2770, -37.1116, 3.2651



69.3210, -0.1583, 4.1035



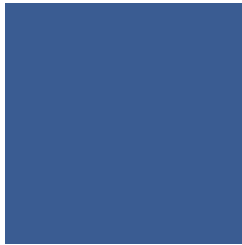
47.3040, 2.8081, 79.5404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 87.9900, 28.5989, -26.3012 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 87.9900, 28.5989, -26.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

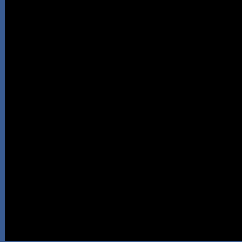
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9900, 28.5989, -26.3012

Background



This preview shows how black text looks on a background with the YUV color 87.9900, 28.5989, -26.3012.



This preview shows how white text looks on a background with the YUV color 87.9900, 28.5989,

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

87.9900, 28.5989, -26.3012

Protanopia

90.4750, 26.3878, -17.0796

Deuteranopia

88.5880, 28.3041, -25.0717



Tritanopia

83.2710, 12.1914, -37.0717

Trichromacy



Original Color

87.9900, 28.5989, -26.3012

Protanomaly

89.6810, 27.2723, -20.7682

Deuteranomaly

88.2890, 28.4515, -25.6865

Tritanomaly

84.9000, 18.2903, -33.2383

Monochromacy



Original Color

87.9900, 28.5989, -26.3012

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9900, 28.5989, -26.3012 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(58, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 146)  
}
```

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(58, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 146) }
```

Border

The CSS property to change the border of an element to YUV 87.9900, 28.5989, -26.3012 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(58, 92, 146) }
```


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

```
.border{ border-color:rgb(58, 92, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 92, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(58, 92,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 87.9900, 28.5989, -26.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 146) }
```

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

```
.background{ background-color: rgb(58, 92,  
146) }
```

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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