

Converting Colors

YUV(78.3600, -25.8135,
66.3363)

Have a look what the booklet for
YUV(78.3600, -25.8135, 66.3363)
contains.

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Color

**YUV(78.3600, -25.8135,
66.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	9A321A
RGB	154, 50, 26
RGB Percent	60%, 20%, 10%
CMY	0.3961, 0.8039, 0.8980
CMYK	0.00, 0.68, 0.83, 0.40
HSL	11°, 71%, 35%
HSV	11°, 83%, 60%
XYZ	14.6535, 9.2258, 1.9857
YIQ	78.3600, 69.6880, 14.5840

Conversions

Conversions Part 2

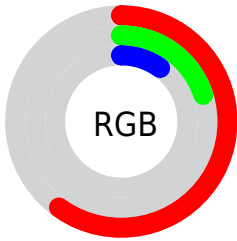
Format	Color
RYB	154, 56, 26
Decimal	10105370
CIELab	36.42, 42.18, 37.73
CIElCh	36, 56.588, 41.814
Yxy	9.2258, 0.5665, 0.3567
Android (android.graphics.Color)	4288295450 (0xFF9A321A)
YUV	78.3600, -25.8135, 66.3363
Hunter-Lab	30.3740, 32.9601, 17.3857

Details

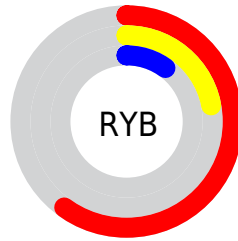
The YUV color **78.3600, -25.8135, 66.3363** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **101.6400, 25.8135, -66.3363**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3670, -29.7609, 72.4691**, and **28.4050, -14.0037, 58.4038** is the 20% darker color. If you saturate the color by 10%, you get **69.0190, -28.6034, 74.5283**, and if you desaturate by 10%, it is **87.7010, -23.0236, 58.1442**.

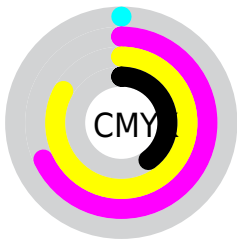
Distribution



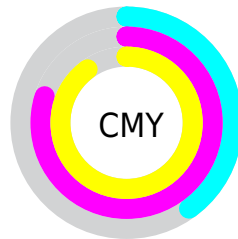
- Red (60%)
- Green (20%)
- Blue (10%)



- Red (60%)
- Yellow (22%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (83%)
- Black (40%)





- Cyan (40%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3600, -25.8135, 66.3363 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 78.3600, -25.8135, 66.3363 by changing the saturation by 10% instead.


 78.3600, -25.8135,
66.3363


 78.3600, -25.8135,
66.3363


255.0000, 0.0000,
0.0000

 50.2180, -23.7715,
64.7068


 132.3670,
-29.7609, 72.4691

 28.4050, -14.0037,
58.4038

 159.6340,
-31.3716, 75.7430

 19.7340, -9.7289,
40.5753

 181.0240,
-29.5918, 64.8770

 12.0740, -5.4595,
24.4911

 200.4240,
-26.3380, 47.8632

 0.0000, 0.0000,
0.0000

 219.9380,
-22.6474, 30.7494

 240.1530,

-18.8094, 13.0208

■ 252.1500,
-10.9200, 2.4994

■ 78.3600, -25.8135,
66.3363

■ 78.3600, -25.8135,
66.3363

■ 69.0190, -28.6034,
74.5283

■ 87.7010, -23.0236,
58.1442

■ 63.0690, -31.0930,
79.7465

■ 96.5690, -19.5075,
50.3670

■ 105.9100,
-16.7176, 42.1749

■ 114.7780,
-13.2016, 34.3977

■ 124.1190,
-10.4117, 26.2056

■ 132.8730, -7.3324,
18.5284

■ 142.3280, -4.1057,
10.2363

■ 151.0820, -1.0264,
2.5591

■ 160.5370, 2.2003,
-5.7329

Harmonies

Analogous

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



73.4520, -1.7018, 79.4106



78.3600, -25.8135, 66.3363



80.8240, -39.8462, 40.4964

Triad

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



78.3600, -25.8135, 66.3363



67.3180, -6.0728, -59.0379



69.9590, 52.2782, -61.3540

Complementary

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



78.3600, -25.8135, 66.3363



101.6400, 25.8135, -66.3363

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.



77.2480, 47.2057, -67.7465



78.3600, -25.8135, 66.3363



73.3770, 14.6041, -64.3516

Square

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



78.3600, -25.8135, 66.3363



67.9800, -33.5141, -30.6775



77.6920, 33.6758, -68.1359



87.7150, 32.6785, 18.6669

Rectangle

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



78.3600, -25.8135, 66.3363



80.3930, -39.6337, 18.9493



77.6920, 33.6758, -68.1359



73.7090, 51.4155, -64.6428

Sweetspot

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



78.3600, -25.8135, 66.3363



171.8200, -10.2643, 25.5909



76.2420, 26.9957, 68.1938



83.7910, -6.3060, 15.9693



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



78.3600, -25.8135, 66.3363



82.4050, -40.6257, 104.0078



115.3410, -44.0451, 33.9039



71.9790, -1.4686, 4.4034



57.1220, -28.1611, 72.6840



5.0610, -2.4951, 6.9625

Inverse Universe

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



101.6400, 25.8135, -66.3363



119.1820, 40.3363, -104.5226



64.6590, 44.0451, -33.9039



73.4340, 1.7580, -3.8886



82.8780, 28.1611, -72.6840



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 78.3600, -25.8135, 66.3363 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 ✓ Pass

Black Background



This preview shows how the YUV color 78.3600, -25.8135, 66.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

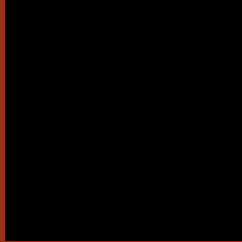
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3600, -25.8135, 66.3363

Background



This preview shows how black text looks on a background with the YUV color 78.3600, -25.8135, 66.3363.



This preview shows how white text looks on a background with the YUV color 78.3600, -25.8135,

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

78.3600, -25.8135, 66.3363

Protanopia

84.1760, -23.7508, 11.2466

Deuteranopia

82.3210, -33.6823, 23.3975



Tritanopia

79.6340, -14.6096, 66.0960

Trichromacy



Original Color

78.3600, -25.8135, 66.3363

Protanomaly

82.3680, -24.8314, 31.2493

Deuteranomaly

80.5170, -30.8209, 39.0116

Tritanomaly

79.1950, -18.8301, 66.4810

Monochromacy



Original Color

78.3600, -25.8135, 66.3363

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.3360, -9.5326, 24.2613

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3600, -25.8135, 66.3363 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(154, 50, 26)` looks like.

```
.text, #text, p{  
    color:rgb(154, 50, 26)  
}
```

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(154, 50, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 50, 26) }
```

Border

The CSS property to change the border of an element to YUV 78.3600, -25.8135, 66.3363 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(154, 50, 26) }
```


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

```
.border{ border-color:rgb(154, 50, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 50, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 50, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 50, 26);  
box-shadow:4px 4px 4px 4px rgb(154, 50,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 78.3600, -25.8135, 66.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 50, 26) }
```

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

```
.background{ background-color: rgb(154, 50,  
26) }
```

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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