

Converting Colors

YUV(66.0930, 25.5902,
-41.3006)

Have a look what the booklet for
YUV(66.0930, 25.5902, -41.3006)
contains.

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Color

**YUV(66.0930, 25.5902,
-41.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	135076
RGB	19, 80, 118
RGB Percent	7%, 31%, 46%
CMY	0.9255, 0.6863, 0.5373
CMYK	0.84, 0.32, 0.00, 0.54
HSL	203°, 72%, 27%
HSV	203°, 84%, 46%
XYZ	6.4072, 7.1838, 18.1885
YIQ	66.0930, -48.5540, -1.1140

Conversions

Conversions Part 2

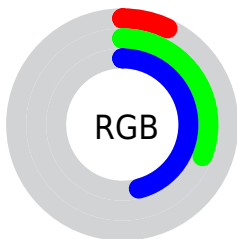
Format	Color
R_{YB}	19, 57, 118
Decimal	1265782
CIE _{Lab}	32.22, -4.36, -27.01
CIE _{LCh}	32, 27.357, 260.829
Yxy	7.1838, 0.2016, 0.2261
Android (android.graphics.Color)	4279455862 (0xFF135076)
YUV	66.0930, 25.5902, -41.3006
Hunter-Lab	26.8026, -4.2335, -21.4729

Details

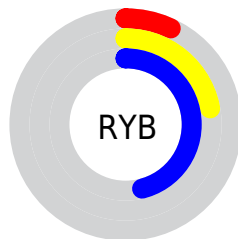
The YUV color **66.0930, 25.5902, -41.3006** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **70.9070, -25.5902, 41.3006**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0230, 25.1317, -34.2232**, and **28.9980, 19.7210, -25.4312** is the 20% darker color. If you saturate the color by 10%, you get **59.5700, 28.8060, -46.1039**, and if you desaturate by 10%, it is **72.6160, 22.3743, -36.4972**.

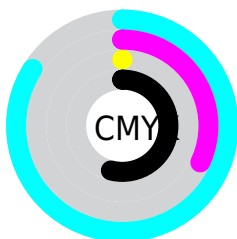
Distribution



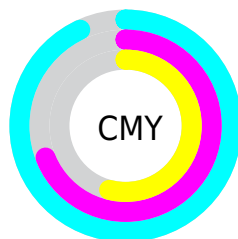
- Red (7%)
- Green (31%)
- Blue (46%)



- Red (7%)
- Yellow (22%)
- Blue (46%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0930, 25.5902, -41.3006 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 66.0930, 25.5902, -41.3006 by changing the saturation by 10% instead.

■ 66.0930, 25.5902,
-41.3006

■ 66.0930, 25.5902,
-41.3006

■ 255.0000, 0.0000,
0.0000

■ 44.0610, 24.1269,
-38.6415

■ 119.0230, 25.1317,
-34.2232

■ 28.9980, 19.7210,
-25.4312

■ 145.8490, 25.7104,
-33.1936

■ 13.5760, 16.4780,
-11.9062

■ 172.9630, 26.1472,
-33.2936

■ 3.5510, 11.0674,
-3.1142

■ 200.4900, 26.8734,
-32.8787

■ 0.0000, 0.0000,
0.0000

■ 225.8850, 14.3537,
-30.5941

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

66.0930, 25.5902,
-41.3006

66.0930, 25.5902,
-41.3006

59.5700, 28.8060,
-46.1039

72.6160, 22.3743,
-36.4972

56.3030, 30.4166,
-49.3777

78.5520, 19.4479,
-31.1791

84.7760, 16.3794,
-26.9906

90.7120, 13.4530,
-21.6724

97.2350, 10.2371,
-16.8691

■ 103.1710, 7.3107,
-11.5510

■ 109.6940, 4.0949,
-6.7476

■ 115.3310, 1.3158,
-2.0443

■ 121.8540, -1.9000,
2.7590

Harmonies

Analogous

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



62.3210, 23.0127, -54.6555



66.0930, 25.5902, -41.3006



76.1080, 19.6668, -7.9877

Triad

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



66.0930, 25.5902, -41.3006



76.3850, -7.0918, 34.7424



69.4310, -10.5655, -17.9180

Complementary

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



66.0930, 25.5902, -41.3006



70.9070, -25.5902, 41.3006

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.



72.3750, -18.9189, 1.4251



66.0930, 25.5902, -41.3006



75.3600, -15.9535, 30.3793

Square

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



66.0930, 25.5902, -41.3006



77.5830, 2.6706, 30.1837



74.1320, -20.2781, 17.4242



60.3270, 3.7828, -46.7678

Rectangle

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



66.0930, 25.5902, -41.3006



77.9530, 14.8132, 8.8112



74.1320, -20.2781, 17.4242



70.8510, -14.2235, -11.2703

Sweetspot

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



66.0930, 25.5902, -41.3006



132.8330, 9.9423, -15.6395



81.4450, -12.0514, -54.7643



64.8400, 5.9949, -9.5067



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



66.0930, 25.5902, -41.3006



72.6200, 39.6273, -63.6877



37.3300, 39.7703, -16.0754



55.4450, 1.7526, -2.1443



57.9330, 31.5850, -50.8072



118.8980, 64.6333, -104.2735

Inverse Universe

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



55.5550, 12.0514, 54.7643



56.4630, 18.5057, 84.6629



99.6700, -39.7703, 16.0754



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.3060, 30.4151, 138.2976

Previews

White Background



This preview shows how the YUV color 66.0930, 25.5902, -41.3006 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 66.0930, 25.5902, -41.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

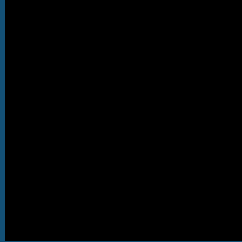
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0930, 25.5902, -41.3006

Background



This preview shows how black text looks on a background with the YUV color 66.0930, 25.5902, -41.3006.



This preview shows how white text looks on a background with the YUV color 66.0930, 25.5902,

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

66.0930, 25.5902, -41.3006

Protanopia

74.8580, 18.8040, -11.2765

Deuteranopia

73.7260, 22.3201, -19.0537



Tritanopia

59.6820, 15.4398, -52.3411

Trichromacy



Original Color

66.0930, 25.5902, -41.3006

Protanomaly

71.4760, 21.4573, -22.3425

Deuteranomaly

70.7250, 23.7996, -26.9458

Tritanomaly

62.3280, 19.0653, -48.5227

Monochromacy



Original Color

66.0930, 25.5902, -41.3006

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0180, 9.3581, -14.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0930, 25.5902, -41.3006 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(19, 80, 118)` looks like.

```
.text, #text, p{  
    color:rgb(19, 80, 118)  
}
```

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(19, 80, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 80, 118) }
```

Border

The CSS property to change the border of an element to YUV 66.0930, 25.5902, -41.3006 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(19, 80, 118) }
```


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

```
.border{ border-color:rgb(19, 80, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 80, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 80, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 80, 118);  
box-shadow:4px 4px 4px 4px rgb(19, 80,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 66.0930, 25.5902, -41.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 80, 118) }
```

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

```
.background{ background-color: rgb(19, 80,  
118) }
```

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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