

Converting Colors

YUV(66.0130, 61.1256, 41.2076)

Have a look what the booklet for
YUV(66.0130, 61.1256, 41.2076)
contains.

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Color

**YUV(66.0130, 61.1256,
41.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	7112BE
RGB	113, 18, 190
RGB Percent	44%, 7%, 75%
CMY	0.5569, 0.9294, 0.2549
CMYK	0.41, 0.91, 0.00, 0.25
HSL	273°, 83%, 41%
HSV	273°, 91%, 75%
XYZ	16.3206, 7.6610, 49.3337
YIQ	66.0130, 1.4080, 73.6320

Conversions

Conversions Part 2

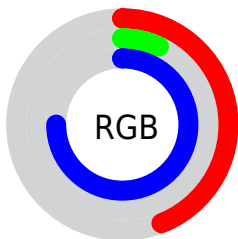
Format	Color
R_{YB}	113, 18, 190
Decimal	7410366
CIE _{Lab}	33.27, 65.55, -68.67
CIE _{LCh}	33, 94.935, 313.670
Yxy	7.6610, 0.2226, 0.1045
Android (android.graphics.Color)	4285600446 (0xFF7112BE)
YUV	66.0130, 61.1256, 41.2076
Hunter-Lab	27.6786, 56.8148, -86.3023

Details

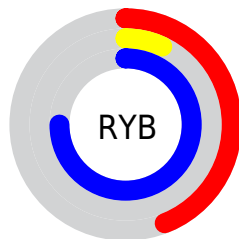
The YUV color **66.0130, 61.1256, 41.2076** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **141.9870, -61.1256, -41.2076**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1330, 59.0944, 39.3484**, and **30.9380, 51.3026, 18.4714** is the 20% darker color. If you saturate the color by 10%, you get **53.0550, 67.5139, 45.5558**, and if you desaturate by 10%, it is **79.8570, 54.3005, 36.9594**.

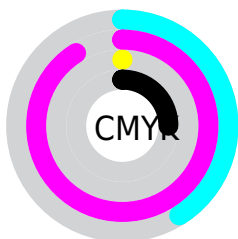
Distribution



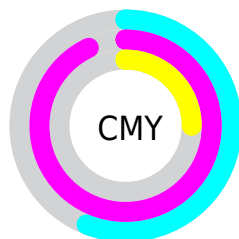
- Red (44%)
- Green (7%)
- Blue (75%)



- Red (44%)
- Yellow (7%)
- Blue (75%)



- Cyan (41%)
- Magenta (91%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0130, 61.1256, 41.2076 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 66.0130, 61.1256, 41.2076 by changing the saturation by 10% instead.

66.0130, 61.1256,
41.2076

66.0130, 61.1256,
41.2076

255.0000, 0.0000,
0.0000

43.2850, 58.5265,
34.8301

127.1330, 59.0944,
39.3484

30.9380, 51.3026,
18.4714

152.5650, 50.5005,
42.4775

16.0140, 45.8421,
-3.5203

177.9710, 37.9753,
46.5064

9.5760, 36.6910,
-8.3982

200.9960, 26.6240,
47.3615

10.2480, 24.0347,
-8.9875

218.0190, 18.2316,
32.4323

5.3920, 15.5827,
-4.7288


235.0420, 9.8393,


2.0690, 5.3890,


17.5032


-1.8145


 252.0650, 1.4470,
2.5740


 0.0000, 0.0000,
0.0000


 66.0130, 61.1256,
41.2076


 66.0130, 61.1256,
41.2076


 53.0550, 67.5139,
45.5558

 79.8570, 54.3005,
36.9594

 93.4020, 47.6228,
32.0964

 107.2460, 40.7977,
27.8483

 120.7910, 34.1200,
22.9853

 134.6350, 27.2949,
18.7371

■ 148.1800, 20.6173,
13.8741

■ 162.0240, 13.7922,
9.6260

■ 175.5690, 7.1145,
4.7630

■ 189.4130, 0.2894,
0.5148

Harmonies

Analogous

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



73.1800, 77.3123, -64.1789



66.0130, 61.1256, 41.2076



68.7390, 26.7507, 100.2069

Triad

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



66.0130, 61.1256, 41.2076



73.2040, -36.0896, 48.9331



73.8160, 18.8247, -64.7366

Complementary

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



66.0130, 61.1256, 41.2076



141.9870, -61.1256, -41.2076

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.



63.4080, -15.9771, -55.6088



66.0130, 61.1256, 41.2076



69.6180, -34.3217, -4.9270

Square

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



66.0130, 61.1256, 41.2076



52.3250, -25.7962, 107.5860



56.9390, -28.0709, -49.9355



82.4970, 49.5480, -72.3499

Rectangle

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



66.0130, 61.1256, 41.2076



67.5240, 2.6997, 114.4275



56.9390, -28.0709, -49.9355



70.2650, 7.7574, -61.6224

Sweetspot

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



66.0130, 61.1256, 41.2076



199.2880, 23.5220, 15.5334



82.8070, 52.8461, -56.8357



96.1380, 14.2290, 9.5260



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



66.0130, 61.1256, 41.2076



69.1210, 87.6943, 59.5299



88.0100, 45.8441, 89.4452



87.5210, 3.1941, 2.1741



44.0250, 56.1897, 37.6891



8.6170, 11.0348, 7.3519

Inverse Universe

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



78.2060, 8.2794, 98.0433



86.5070, 12.0750, 140.7524



119.9900, -45.8441, -89.4452



88.1470, 0.4205, 5.1331



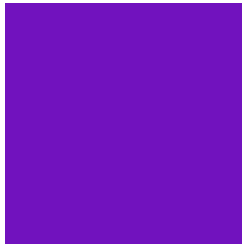
55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 66.0130, 61.1256, 41.2076 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

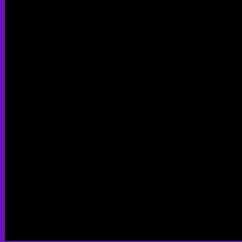
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0130, 61.1256, 41.2076

Background



This preview shows how black text looks on a background with the YUV color 66.0130, 61.1256, 41.2076.



This preview shows how white text looks on a background with the YUV color 66.0130, 61.1256,

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

66.0130, 61.1256, 41.2076

Protanopia

63.5530, 48.0414, -55.7360

Deuteranopia

63.9800, 36.9849, -56.1105



Tritanopia

80.1690, 0.4097, 8.6218

Trichromacy



Original Color

66.0130, 61.1256, 41.2076



Protanomaly

64.7390, 52.8797, -20.8191



Deuteranomaly

64.9040, 45.8963, -20.9638



Tritanomaly

74.7940, 22.7796, 20.3517

Monochromacy



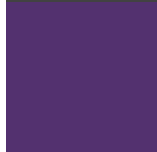
Original Color

66.0130, 61.1256, 41.2076



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

66.2340, 22.0696, 14.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0130, 61.1256, 41.2076 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(113, 18, 190)` looks like.

```
.text, #text, p{  
    color:rgb(113, 18, 190)  
}
```

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(113, 18, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 18, 190) }
```

Border

The CSS property to change the border of an element to YUV 66.0130, 61.1256, 41.2076 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(113, 18, 190) }
```


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

```
.border{ border-color:rgb(113, 18, 190) }
```

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

Here you see how a box with a 4 pixel rgb(113, 18, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 18, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 18, 190);  
box-shadow:4px 4px 4px 4px rgb(113, 18,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 66.0130, 61.1256, 41.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 18, 190) }
```

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

```
.background{ background-color: rgb(113, 18,  
190) }
```

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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