

Converting Colors

YUV(164.2530, 6.7773, 66.4301)

Have a look what the booklet for
YUV(164.2530, 6.7773, 66.4301)
contains.

YUV(164.2530, 6.7773, 66.4301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.2530, 6.7773,
66.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	F07BB2
RGB	240, 123, 178
RGB Percent	94%, 48%, 70%
CMY	0.0588, 0.5176, 0.3020
CMYK	0.00, 0.49, 0.26, 0.06
HSL	332°, 80%, 71%
HSV	332°, 49%, 94%
XYZ	51.0540, 35.9055, 46.3591
YIQ	164.2530, 52.0770, 41.9090

Conversions

Conversions Part 2

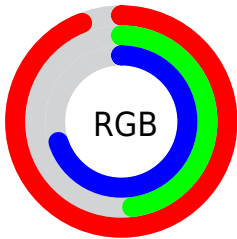
Format	Color
R_{YB}	240, 123, 178
Decimal	15760306
CIE _{Lab}	66.45, 51.07, -8.31
CIE _{LCh}	66, 51.737, 350.758
Yxy	35.9055, 0.3829, 0.2693
Android (android.graphics.Color)	4293950386 (0xFFFF07BB2)
YUV	164.2530, 6.7773, 66.4301
Hunter-Lab	59.9212, 47.2232, -3.9259

Details

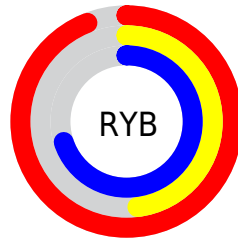
The YUV color **164.2530, 6.7773, 66.4301** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **198.7470, -6.7773, -66.4301**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4070, 13.1103, 41.7391**, and **108.8720, 7.9511, 63.2563** is the 20% darker color. If you saturate the color by 10%, you get **148.6830, 8.0443, 80.0850**, and if you desaturate by 10%, it is **179.8230, 5.5103, 52.7752**.

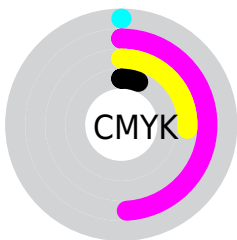
Distribution



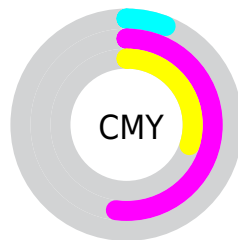
- Red (94%)
- Green (48%)
- Blue (70%)



- Red (94%)
- Yellow (48%)
- Blue (70%)



- Cyan (0%)
- Magenta (49%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2530, 6.7773, 66.4301 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 164.2530, 6.7773, 66.4301 by changing the saturation by 10% instead.

 164.2530, 6.7773,
66.4301


 164.2530, 6.7773,
66.4301


255.0000, 0.0000,
0.0000

 136.3560, 7.2195,
64.5858


 207.4070, 13.1103,
41.7391


 108.8720, 7.9511,
63.2563


 226.8240, 13.8908,
24.7104

 81.2140, 9.2615,
62.9563

 243.8470, 5.4984,
9.7812

 47.3270, 14.6288,
68.1192

 35.1590, 9.2886,
54.2346

 24.6920, 4.0958,
39.7351

 14.5520, -3.7231,

27.5799

■ 0.0000, 0.0000,
0.0000

■ 164.2530, 6.7773,
66.4301

■ 164.2530, 6.7773,
66.4301

■ 148.6830, 8.0443,
80.0850

■ 179.8230, 5.5103,
52.7752

■ 133.2270, 9.7481,
93.6399

■ 195.2790, 3.8065,
39.2203

■ 117.6570, 11.0151,
107.2948

■ 210.8490, 2.5394,
25.5654

■ 102.0870, 12.2821,
120.9497

■ 226.4190, 1.2724,
11.9105

■ 86.5170, 13.5491,
134.6046

■ 241.9890, 0.0054,
-1.7444

■ 84.6420, 13.9805,
136.2490

■ 250.4010, 1.7743,
-9.1217

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



166.3210, 26.9567, 33.9215



164.2530, 6.7773, 66.4301



161.2870, -14.9315, 76.0473

Triad

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



164.2530, 6.7773, 66.4301



154.1260, -41.4741, 2.5205



132.8090, 49.3942, -116.4735

Complementary

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



164.2530, 6.7773, 66.4301



198.7470, -6.7773, -66.4301

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.



130.5970, 30.7647, -114.5336



164.2530, 6.7773, 66.4301



146.9710, -23.1567, -39.4396

Square

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



164.2530, 6.7773, 66.4301



158.1350, -44.9296, 37.5926



124.5380, 10.0878, -109.2198



129.2190, 61.0240, -113.3251

Rectangle

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



164.2530, 6.7773, 66.4301



160.3990, -28.2977, 69.8101



124.5380, 10.0878, -109.2198



132.6150, 43.5738, -116.3034

Sweetspot

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



164.2530, 6.7773, 66.4301



230.4140, 2.2609, 21.5619



154.2780, 42.2609, 25.1892



113.0170, 0.9776, 13.1401



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



164.2530, 6.7773, 66.4301



157.8300, 8.4648, 85.2181



159.1570, -17.8254, 70.8993



112.1580, 0.4151, 6.8774



64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Inverse Universe

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



164.2530, 6.7773, 66.4301



157.8300, 8.4648, 85.2181



203.8430, 17.8254, -70.8993



112.1580, 0.4151, 6.8774



64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 164.2530, 6.7773, 66.4301 looks on a white 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

Black Background



This preview shows how the YUV color 164.2530, 6.7773, 66.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

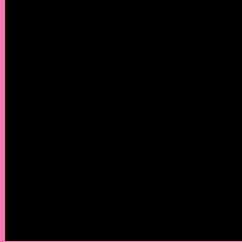
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2530, 6.7773, 66.4301 Background



This preview shows how black text looks on a background with the YUV color 164.2530, 6.7773, 66.4301.



This preview shows how white text looks on a background with the YUV color 164.2530, 6.7773,

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

164.2530, 6.7773, 66.4301

Protanopia

162.5100, 19.9616, -9.2173

Deuteranopia

163.4940, 4.1935, 8.3368



Tritanopia

162.8340, -11.2572, 64.1666

Trichromacy



Original Color

164.2530, 6.7773, 66.4301



Protanomaly

163.4210, 15.0754, 18.0478



Deuteranomaly

163.8540, 5.0020, 29.0690



Tritanomaly

162.9680, -4.4212, 64.9261

Monochromacy



Original Color

164.2530, 6.7773, 66.4301



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1370, 2.3975, 24.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2530, 6.7773, 66.4301 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(240, 123, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 123, 178)  
}
```

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(240, 123, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 123, 178) }
```

Border

The CSS property to change the border of an element to YUV 164.2530, 6.7773, 66.4301 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(240, 123, 178) }
```


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

```
.border{ border-color:rgb(240, 123, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 123, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 123, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 123, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 123,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 164.2530, 6.7773, 66.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 123, 178) }
```

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

```
.background{ background-color: rgb(240,  
123, 178) }
```

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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