

Converting Colors

YUV(161.3910, 21.0062,
75.9561)

Have a look what the booklet for
YUV(161.3910, 21.0062, 75.9561)
contains.

YUV(161.3910, 21.0062, 75.9561)	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(161.3910, 21.0062,
75.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	F86DCC
RGB	248, 109, 204
RGB Percent	97%, 43%, 80%
CMY	0.0275, 0.5725, 0.2000
CMYK	0.00, 0.56, 0.18, 0.03
HSL	319°, 91%, 70%
HSV	319°, 56%, 97%
XYZ	55.0791, 35.2534, 61.0283
YIQ	161.3910, 52.3490, 59.0130

Conversions

Conversions Part 2

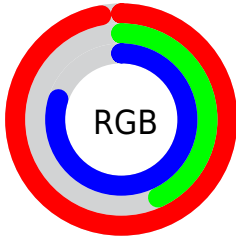
Format	Color
R_{YB}	248, 109, 204
Decimal	16281036
CIE _{Lab}	65.95, 63.64, -23.61
CIE _{LCh}	66, 67.883, 339.643
Yxy	35.2534, 0.3639, 0.2329
Android (android.graphics.Color)	4294471116 (0xFFFF86DCC)
YUV	161.3910, 21.0062, 75.9561
Hunter-Lab	59.3745, 61.6810, -19.3792

Details

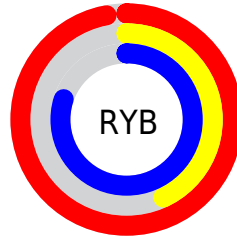
The YUV color **161.3910, 21.0062, 75.9561** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **195.6090, -21.0062, -75.9561**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7570, 25.7558, 45.8171**, and **102.9610, 23.1902, 75.4562** is the 20% darker color. If you saturate the color by 10%, you get **145.8040, 24.7466, 89.6259**, and if you desaturate by 10%, it is **176.9780, 17.2658, 62.2863**.

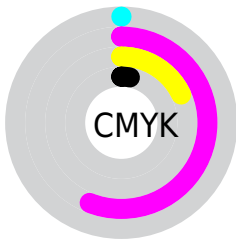
Distribution



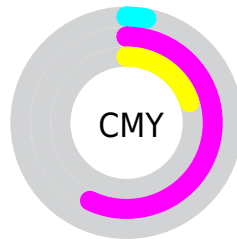
- Red (97%)
- Green (43%)
- Blue (80%)



- Red (97%)
- Yellow (43%)
- Blue (80%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (3%)





- Cyan (3%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.3910, 21.0062, 75.9561 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 161.3910, 21.0062, 75.9561 by changing the saturation by 10% instead.


 161.3910, 21.0062,
75.9561


 161.3910, 21.0062,
75.9561


255.0000, 0.0000,
0.0000


 132.2060, 21.5904,
75.2413


 202.7570, 25.7558,
45.8171

 102.9610, 23.1902,
75.4562


 219.7800, 17.3635,
30.8879


 64.9110, 29.1309,
83.3931

 236.8030, 8.9711,
15.9588

 50.4550, 23.9327,
70.6380

254.4130, 0.2894,
0.5148

 39.2330, 17.1401,
55.9237

 28.6520, 11.5106,
41.5242

 18.3700, 5.7336,

27.7395

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 161.3910, 21.0062,
75.9561

■ 161.3910, 21.0062,
75.9561

■ 145.8040, 24.7466,
89.6259

■ 176.9780, 17.2658,
62.2863

■ 130.2170, 28.4870,
103.2957

■ 192.5650, 13.5255,
48.6165

■ 115.2170, 31.9380,
116.4507

■ 207.5650, 10.0745,
35.4615

■ 99.7440, 36.1152,
130.0205

■ 223.0380, 5.8973,
21.8917

■ 93.4180, 37.2619,
135.5684

■ 238.6250, 2.1569,
8.2219

■ 252.4510, -0.7153,
-3.9035

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



164.5270, 44.6032, 20.5858



161.3910, 21.0062, 75.9561



151.2470, -4.0658, 90.9914

Triad

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



161.3910, 21.0062, 75.9561



149.1780, -67.1358, 20.0149



136.7870, 49.4050, -119.9622

Complementary

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



161.3910, 21.0062, 75.9561



195.6090, -21.0062, -75.9561

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.



131.3490, 23.4919, -115.1931



161.3910, 21.0062, 75.9561



142.7920, -41.8025, -32.2666

Square

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



161.3910, 21.0062, 75.9561



154.5480, -57.9512, 60.9094



122.2920, -3.5950, -107.2501



133.5560, 59.8719, -117.1286

Rectangle

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



161.3910, 21.0062, 75.9561



152.0840, -23.7054, 90.2573



122.2920, -3.5950, -107.2501



135.3220, 41.2533, -118.6774

Sweetspot

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



161.3910, 21.0062, 75.9561



228.1630, 6.3286, 23.5360



137.4040, 54.5238, 11.9237



111.7120, 3.5930, 14.2846



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.



161.3910, 21.0062, 75.9561



148.4670, 25.8988, 93.4294



153.7530, -8.2592, 82.6546



116.9130, 2.0149, 7.0923



71.2170, 28.4870, 103.2957



23.0270, 9.3537, 33.3023

Inverse Universe

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



161.3910, 21.0062, 75.9561



148.4670, 25.8988, 93.4294



203.2470, 8.2592, -82.6546



116.9130, 2.0149, 7.0923



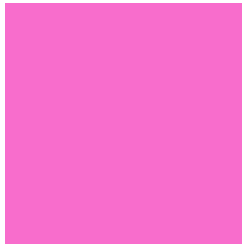
71.2170, 28.4870, 103.2957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 161.3910, 21.0062, 75.9561 looks on a white background.

Color Contrast Check

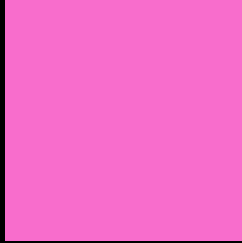
Large Text (above 18pt) WCAG AA × Fail

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 161.3910, 21.0062, 75.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

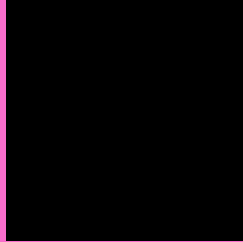
Any Text WCAG AA ✓ Pass

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 161.3910, 21.0062, 75.9561 Background



This preview shows how black text looks on a background with the YUV color 161.3910, 21.0062, 75.9561.



This preview shows how white text looks on a background with the YUV color 161.3910, 21.0062, 75.9561.

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

161.3910, 21.0062, 75.9561

Protanopia

159.6880, 40.0868, -24.2824

Deuteranopia

161.7450, 16.8877, -3.2844



Tritanopia

160.7100, -13.1680, 70.4143

Trichromacy



Original Color

161.3910, 21.0062, 75.9561



Protanomaly

160.1980, 33.4264, 12.1044



Deuteranomaly

161.9750, 18.2533, 25.4549



Tritanomaly

160.9350, -0.9540, 72.8480

Monochromacy



Original Color

161.3910, 21.0062, 75.9561



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.2390, 7.7702, 27.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.3910, 21.0062, 75.9561 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(248, 109, 204)` looks like.

```
.text, #text, p{  
    color:rgb(248, 109, 204)  
}
```

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(248, 109, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 109, 204) }
```

Border

The CSS property to change the border of an element to YUV 161.3910, 21.0062, 75.9561 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(248, 109, 204) }
```


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

```
.border{ border-color:rgb(248, 109, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 109, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 109, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 109, 204);  
box-shadow:4px 4px 4px 4px rgb(248, 109,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 161.3910, 21.0062, 75.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 109, 204) }
```

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

```
.background{ background-color: rgb(248,  
109, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor