

Converting Colors

YUV(87.0920, 20.6606, -0.0807)

Have a look what the booklet for
YUV(87.0920, 20.6606, -0.0807)
contains.

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Color

**YUV(87.0920, 20.6606,
-0.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	574F81
RGB	87, 79, 129
RGB Percent	34%, 31%, 51%
CMY	0.6588, 0.6902, 0.4941
CMYK	0.33, 0.39, 0.00, 0.49
HSL	250°, 24%, 41%
HSV	250°, 39%, 51%
XYZ	10.6889, 9.2032, 21.9819
YIQ	87.0920, -11.2820, 17.2460

Conversions

Conversions Part 2

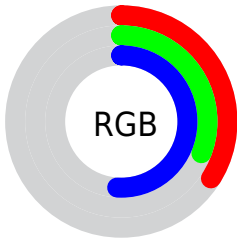
Format	Color
R_{YB}	87, 79, 129
Decimal	5721985
CIE _{Lab}	36.37, 15.60, -27.03
CIE _{LCh}	36, 31.208, 299.990
Yxy	9.2032, 0.2553, 0.2198
Android (android.graphics.Color)	4283912065 (0xFF574F81)
YUV	87.0920, 20.6606, -0.0807
Hunter-Lab	30.3367, 9.8038, -21.7256

Details

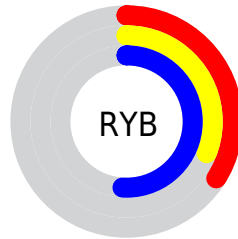
The YUV color $87.0920, 20.6606, -0.0807$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $120.9080, -20.6606, 0.0807$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.1460, 22.1130, 0.7490$, and $41.2120, 18.6295, -1.9399$ is the 20% darker color. If you saturate the color by 10%, you get $76.1720, 26.0442, -0.1508$, and if you desaturate by 10%, it is $98.0120, 15.2771, -0.0105$.

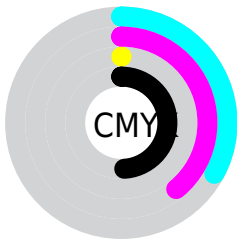
Distribution



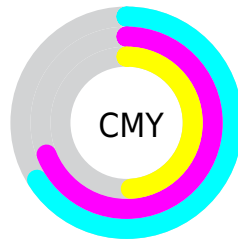
- Red (34%)
- Green (31%)
- Blue (51%)



- Red (34%)
- Yellow (31%)
- Blue (51%)



- Cyan (33%)
- Magenta (39%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0920, 20.6606, -0.0807 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 87.0920, 20.6606, -0.0807 by changing the saturation by 10% instead.

■ 87.0920, 20.6606,
-0.0807

■ 87.0920, 20.6606,
-0.0807

■ 255.0000, 0.0000,
0.0000

■ 63.5650, 19.9345,
-0.4955

■ 137.1460, 22.1130,
0.7490

■ 41.2120, 18.6295,
-1.9399

■ 163.6730, 22.8392,
1.1638

■ 19.0870, 18.1981,
-3.5843

■ 191.0860, 23.1286,
1.6786

■ 5.0500, 14.2723,
-4.4289

■ 217.8320, 18.3238,
2.7783

■ 1.0260, 3.9312,
-0.8998

■ 242.9390, 5.9461,
6.1925

■ 0.0000, 0.0000,
0.0000

■ 87.0920, 20.6606,
-0.0807

■ 87.0920, 20.6606,
-0.0807

■ 76.1720, 26.0442,
-0.1508

■ 98.0120, 15.2771,
-0.0105

■ 65.2520, 31.4278,
-0.2210

■ 108.9320, 9.8935,
0.0596

■ 54.3320, 36.8113,
-0.2912

■ 119.8520, 4.5100,
0.1298

■ 43.7110, 42.0475,
0.2535

■ 130.4730, -0.7262,
-0.4148

■ 32.7910, 47.4310,
0.1833

■ 141.3930, -6.1097,
-0.3447

■ 22.4580, 52.5252,
-0.4017

■ 151.7260,
-11.2039, 0.2403

■ 20.9850, 53.2514,
0.0132

■ 162.6460,
-16.5875, 0.3105

■ 173.5660,

-21.9710, 0.3806

 184.4860,
-27.3546, 0.4508

Harmonies

Analogous

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



78.7070, 27.7524, -34.8230



87.0920, 20.6606, -0.0807



87.8410, 11.4174, 24.6954

Triad

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



87.0920, 20.6606, -0.0807



84.6930, -21.0476, 30.9642



67.2160, 8.7675, -58.9484

Complementary

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



87.0920, 20.6606, -0.0807



120.9080, -20.6606, 0.0807

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.



75.7500, -7.7648, -29.5987



87.0920, 20.6606, -0.0807



83.0840, -24.1984, 14.8353

Square

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



87.0920, 20.6606, -0.0807



85.5660, -11.6180, 39.8456



80.4020, -19.9182, -4.7376



70.0660, 19.6875, -61.4479

Rectangle

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



87.0920, 20.6606, -0.0807



87.2570, 3.8173, 35.7316



80.4020, -19.9182, -4.7376



66.1900, 4.8363, -58.0486

Sweetspot

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



87.0920, 20.6606, -0.0807



151.1770, 8.2937, -0.1552



109.3540, 9.6855, -26.6205



73.9660, 4.9468, 0.0298



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



87.0920, 20.6606, -0.0807



101.8930, 32.5908, 0.0938



94.5670, 16.9755, 15.2887



58.0970, 2.9102, -0.0851



20.5720, 52.9620, -0.5016



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.7380, 10.9752, 26.5398



120.2590, 17.6203, 41.8689



113.7320, -17.1229, -14.6740



59.7770, 1.5889, 3.7036



50.4700, 27.8693, 67.9938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.0920, 20.6606, -0.0807 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 87.0920, 20.6606, -0.0807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

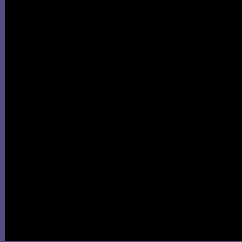
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0920, 20.6606, -0.0807

Background



This preview shows how black text looks on a background with the YUV color 87.0920, 20.6606, -0.0807.



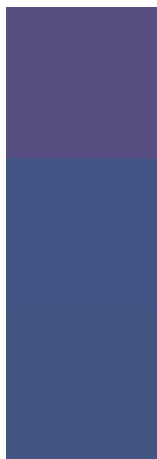
This preview shows how white text looks on a background with the YUV color 87.0920, 20.6606,

-0.0807.

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

87.0920, 20.6606, -0.0807

Protanopia

84.8020, 23.7616, -14.7354

Deuteranopia

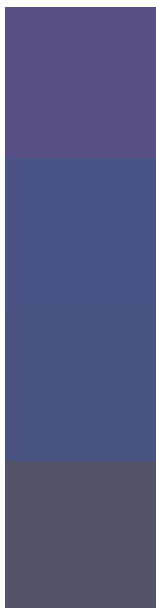
84.5200, 21.4356, -15.3650



Tritanopia

85.2920, 3.8000, -5.5181

Trichromacy



Original Color

87.0920, 20.6606, -0.0807

Protanomaly

85.6070, 22.8717, -9.3023

Deuteranomaly

85.4390, 20.9826, -10.0320

Tritanomaly

85.9100, 9.9044, -3.4291

Monochromacy



Original Color

87.0920, 20.6606, -0.0807

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0920, 20.6606, -0.0807 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(87, 79, 129)` looks like.

```
.text, #text, p{  
    color:rgb(87, 79, 129)  
}
```

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(87, 79, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 79, 129) }
```

Border

The CSS property to change the border of an element to YUV 87.0920, 20.6606, -0.0807 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(87, 79, 129) }
```


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

```
.border{ border-color:rgb(87, 79, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 79, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 79, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 79, 129);  
box-shadow:4px 4px 4px 4px rgb(87, 79,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 87.0920, 20.6606, -0.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 79, 129) }
```

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

```
.background{ background-color: rgb(87, 79,  
129) }
```

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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