

Converting Colors

YUV(87.6720, 7.5567, 2.9187)

Have a look what the booklet for
YUV(87.6720, 7.5567, 2.9187)
contains.

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Color

**YUV(87.6720, 7.5567,
2.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5367
RGB	91, 83, 103
RGB Percent	36%, 33%, 40%
CMY	0.6431, 0.6745, 0.5961
CMYK	0.12, 0.19, 0.00, 0.60
HSL	264°, 11%, 36%
HSV	264°, 19%, 40%
XYZ	9.8558, 9.3899, 14.1249
YIQ	87.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

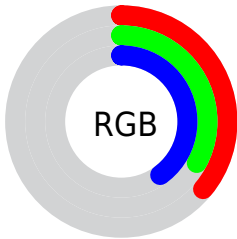
Format	Color
R_{YB}	91, 83, 103
Decimal	5985127
CIE _{Lab}	36.72, 7.64, -10.34
CIE _{LCh}	37, 12.858, 306.467
Yxy	9.3899, 0.2953, 0.2814
Android (android.graphics.Color)	4284175207 (0xFF5B5367)
YUV	87.6720, 7.5567, 2.9187
Hunter-Lab	30.6430, 3.7864, -5.8797

Details

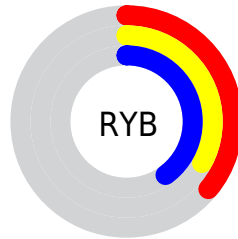
The YUV color **87.6720, 7.5567, 2.9187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.3280, -7.5567, -2.9187**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1990, 8.2829, 3.3335**, and **42.1450, 6.8305, 2.5038** is the 20% darker color. If you saturate the color by 10%, you get **80.0080, 11.3351, 4.3780**, and if you desaturate by 10%, it is **95.3360, 3.7784, 1.4593**.

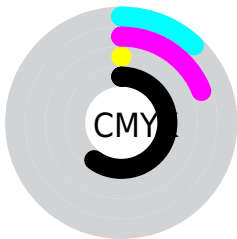
Distribution



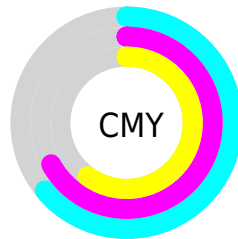
- Red (36%)
- Green (33%)
- Blue (40%)



- Red (36%)
- Yellow (33%)
- Blue (40%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (67%)
- Yellow (60%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6720, 7.5567, 2.9187 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 87.6720, 7.5567, 2.9187 by changing the saturation by 10% instead.

■ 87.6720, 7.5567,
2.9187

■ 87.6720, 7.5567,
2.9187

■ 255.0000, 0.0000,
0.0000

■ 64.2590, 7.2673,
2.4039

■ 137.1990, 8.2829,
3.3335

■ 42.1450, 6.8305,
2.5038

■ 164.1990, 8.2829,
3.3335

■ 21.7320, 6.5411,
1.9890

■ 190.6120, 8.5723,
3.8483

■ 1.2540, 4.8048,
-1.0998

■ 218.7260, 9.0091,
3.7483

■ 0.0000, 0.0000,
0.0000

■ 246.4720, 4.2043,
4.8481

■ 87.6720, 7.5567,
2.9187

■ 87.6720, 7.5567,
2.9187

■ 80.0080, 11.3351,
4.3780

■ 95.3360, 3.7784,
1.4593

■ 71.7570, 15.4028,
6.3521

■ 103.5870, -0.2894,
-0.5148

■ 63.7940, 19.3286,
7.1967

■ 111.5500, -4.2151,
-1.3593

■ 56.1300, 23.1069,
8.6560

■ 119.2140, -7.9935,
-2.8187

■ 47.8790, 27.1747,
10.6301

■ 127.4650,
-12.0612, -4.7928

■ 40.2150, 30.9530,
12.0894

■ 135.1290,
-15.8396, -6.2521

■ 32.5510, 34.7314,
13.5488

■ 142.7930,
-19.6179, -7.7115

■ 24.8870, 38.5097,

■ 150.4570,

15.0081

-23.3963, -9.1708

■ 24.0010, 38.9465,
14.9081

■ 159.0070,
-27.6115, -10.5301

Harmonies

Analogous

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



86.2900, 10.2100, -8.1473



87.6720, 7.5567, 2.9187



88.2880, 3.3090, 12.0254

Triad

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



87.6720, 7.5567, 2.9187



86.6720, -9.2053, 12.5657



81.9760, 2.9698, -19.2730

Complementary

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



87.6720, 7.5567, 2.9187



98.3280, -7.5567, -2.9187

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.



83.5270, -2.7248, -12.7402



87.6720, 7.5567, 2.9187



85.5140, -9.6204, 5.6882

Square

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



87.6720, 7.5567, 2.9187



87.5030, -6.1640, 17.0989



84.1430, -6.9725, -3.6334



82.5180, 7.6326, -21.5023

Rectangle

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



87.6720, 7.5567, 2.9187



88.0990, -0.0488, 15.6992



84.1430, -6.9725, -3.6334



82.5310, 1.2172, -17.1287

Sweetspot

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



87.6720, 7.5567, 2.9187



128.8090, 3.0522, 1.0445



92.3240, 5.2633, -8.1771



65.1680, 1.8892, 0.7297



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



87.6720, 7.5567, 2.9187



111.1220, 11.7719, 4.2780



90.6620, 6.0826, 9.0664



47.1680, 1.8892, 0.7297



26.8640, 43.4510, 16.7823



56.5910, 91.4066, 35.4387

Inverse Universe

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



90.3480, 2.2934, 11.0958



115.4350, 3.7295, 17.1585



95.3380, -6.0826, -9.0664



47.8370, 0.5734, 2.7740



42.2510, 13.1873, 63.8009



88.8880, 27.6632, 134.2792

Previews

White Background



This preview shows how the YUV color 87.6720, 7.5567, 2.9187 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 87.6720, 7.5567, 2.9187 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 87.6720, 7.5567, 2.9187

Background



This preview shows how black text looks on a background with the YUV color 87.6720, 7.5567, 2.9187.



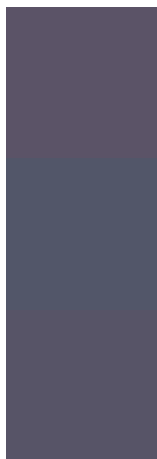
This preview shows how white text looks on a background with the YUV color 87.6720, 7.5567,

2.9187.

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

87.6720, 7.5567, 2.9187

Protanopia

86.9700, 8.8888, -4.3587

Deuteranopia

87.0630, 7.8569, -0.0553



Tritanopia

86.9940, 2.4680, 1.7593

Trichromacy



Original Color

87.6720, 7.5567, 2.9187

Protanomaly

87.1660, 8.2992, -1.8996

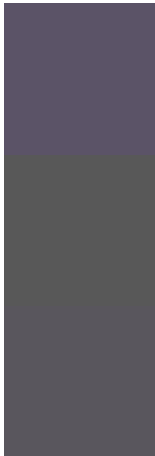
Deuteranomaly

87.3620, 7.7095, 0.5595

Tritanomaly

87.1620, 4.3571, 2.4889

Monochromacy



Original Color

87.6720, 7.5567, 2.9187

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6950, 2.6154, 1.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6720, 7.5567, 2.9187 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(91, 83, 103)` looks like.

```
.text, #text, p{  
    color:rgb(91, 83, 103)  
}
```

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(91, 83, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 83, 103) }
```

Border

The CSS property to change the border of an element to YUV 87.6720, 7.5567, 2.9187 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(91, 83, 103) }
```


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

```
.border{ border-color:rgb(91, 83, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 83, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 83, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 83, 103);  
box-shadow:4px 4px 4px 4px rgb(91, 83,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 87.6720, 7.5567, 2.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 83, 103) }
```

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

```
.background{ background-color: rgb(91, 83,  
103) }
```

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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