

Converting Colors

YUV(131.0520, 28.0754, 1.7084)

Have a look what the booklet for
YUV(131.0520, 28.0754, 1.7084)
contains.

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Color

**YUV(131.0520, 28.0754,
1.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	8577BC
RGB	133, 119, 188
RGB Percent	52%, 47%, 74%
CMY	0.4784, 0.5333, 0.2627
CMYK	0.29, 0.37, 0.00, 0.26
HSL	252°, 34%, 60%
HSV	252°, 37%, 74%
XYZ	25.3468, 21.8110, 50.4510
YIQ	131.0520, -13.8050, 24.4270

Conversions

Conversions Part 2

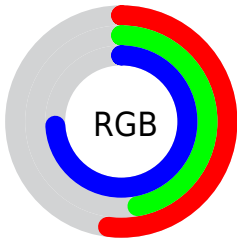
Format	Color
R _Y B	133, 119, 188
Decimal	8746940
CIE Lab	53.83, 20.86, -34.37
CIE LCh	54, 40.208, 301.252
Yxy	21.8110, 0.2597, 0.2235
Android (android.graphics.Color)	4286937020 (0xFF8577BC)
YUV	131.0520, 28.0754, 1.7084
Hunter-Lab	46.7023, 15.1485, -31.3575

Details

The YUV color **131.0520, 28.0754, 1.7084** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **175.9480, -28.0754, -1.7084**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5190, 29.8171, 3.0528**, and **80.5850, 26.3336, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **115.4140, 35.7849, 2.2679**, and if you desaturate by 10%, it is **146.6900, 20.3658, 1.1489**.

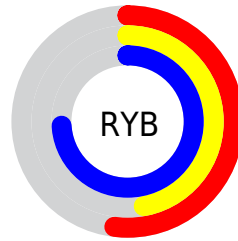
Distribution



Red (52%)

Green (47%)

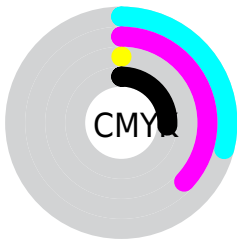
Blue (74%)



Red (52%)

Yellow (47%)

Blue (74%)

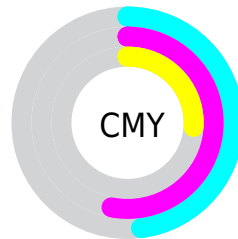


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.0520, 28.0754, 1.7084 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 131.0520, 28.0754, 1.7084 by changing the saturation by 10% instead.

■ 131.0520, 28.0754,
1.7084

■ 131.0520, 28.0754,
1.7084

■ 255.0000, 0.0000,
0.0000

■ 105.5250, 27.3492,
1.2936

■ 184.5190, 29.8171,
3.0528

■ 80.5850, 26.3336,
0.3640

■ 210.4670, 21.9548,
4.8524

■ 57.3460, 25.4654,
-1.1804

■ 235.5740, 9.5770,
8.2666

■ 34.3950, 24.4553,
-3.8544

■ 9.9110, 25.1869,
-5.1839

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 131.0520, 28.0754,
1.7084

■ 131.0520, 28.0754,
1.7084

■ 115.4140, 35.7849,
2.2679

■ 146.6900, 20.3658,
1.1489

■ 99.7760, 43.4944,
2.8274

■ 162.3280, 12.6563,
0.5893

■ 84.7250, 50.9146,
2.8722

■ 177.3790, 5.2362,
0.5446

■ 69.0870, 58.6241,
3.4317

■ 193.0170, -2.4734,
-0.0149

■ 53.4490, 66.3336,
3.9912

■ 208.6550,
-10.1829, -0.5744

■ 37.8110, 74.0432,
4.5508

■ 224.2930,
-17.8924, -1.1340

■ 32.7940, 76.5166,
4.5657

■ 239.9310,
-25.6020, -1.6935

■ 246.7640,
-28.9707, 5.4690

■ 247.3620,
-29.2655, 6.6985

Harmonies

Analogous

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



120.9860, 37.9679, -44.7147



131.0520, 28.0754, 1.7084



132.5310, 15.0212, 35.4913

Triad

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



131.0520, 28.0754, 1.7084



127.8810, -29.5213, 42.2004



100.4080, 14.0959, -88.0578

Complementary

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



131.0520, 28.0754, 1.7084



175.9480, -28.0754, -1.7084

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.



114.9890, -10.3476, -41.2094



131.0520, 28.0754, 1.7084



125.2990, -33.6714, 19.9088

Square

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



131.0520, 28.0754, 1.7084



128.6990, -16.6136, 55.5150



121.5450, -26.8907, -8.3710



104.3980, 29.3838, -91.5570

Rectangle

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



131.0520, 28.0754, 1.7084



131.4590, 4.2107, 49.5865



121.5450, -26.8907, -8.3710



101.7310, 7.5276, -81.3251

Sweetspot

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



131.0520, 28.0754, 1.7084



222.5730, 11.0565, 0.3745



159.1510, 14.2226, -35.2124



109.0200, 6.3991, 0.8595



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



131.0520, 28.0754, 1.7084



155.8900, 43.9312, 2.7275



141.2180, 23.0635, 22.6108



86.6240, 3.6364, 0.3298



27.5800, 64.2971, 3.8763



5.3280, 12.6563, 0.5893

Inverse Universe

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



145.9010, 13.8528, 36.9208



179.0960, 21.6447, 57.7978



165.7820, -23.0635, -22.6108



88.4890, 1.7309, 4.8331



61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 131.0520, 28.0754, 1.7084 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0520, 28.0754, 1.7084 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 × Fail

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

YUV 131.0520, 28.0754, 1.7084 Background



This preview shows how black text looks on a background with the YUV color 131.0520, 28.0754, 1.7084.



This preview shows how white text looks on a background with the YUV color 131.0520, 28.0754,

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

131.0520, 28.0754, 1.7084

Protanopia

127.4730, 32.7978, -19.7088

Deuteranopia

128.0340, 28.5772, -19.3238



Tritanopia

128.3460, 5.2524, -4.6884

Trichromacy



Original Color

131.0520, 28.0754, 1.7084

Protanomaly

128.4740, 31.3183, -11.8167

Deuteranomaly

129.3770, 28.4081, -11.7316

Tritanomaly

129.2460, 13.6827, -1.9697

Monochromacy



Original Color

131.0520, 28.0754, 1.7084

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.3450, 10.1829, 0.5744

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0520, 28.0754, 1.7084 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(133, 119, 188)` looks like.

```
.text, #text, p{  
    color:rgb(133, 119, 188)  
}
```

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(133, 119, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 119, 188) }
```

Border

The CSS property to change the border of an element to YUV 131.0520, 28.0754, 1.7084 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(133, 119, 188) }
```


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

```
.border{ border-color:rgb(133, 119, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 119, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 119, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 119, 188); box-shadow:4px 4px 4px 4px rgb(133, 119, 188) }
```

Background

The CSS property to change the background color of an element to YUV 131.0520, 28.0754, 1.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 119, 188) }
```

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

```
.background{ background-color: rgb(133,  
119, 188) }
```

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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