

Converting Colors

YUV(134.7780, 27.2244,
41.4137)

Have a look what the booklet for
YUV(134.7780, 27.2244, 41.4137)
contains.

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Color

**YUV(134.7780, 27.2244,
41.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	B664BE
RGB	182, 100, 190
RGB Percent	71%, 39%, 75%
CMY	0.2863, 0.6078, 0.2549
CMYK	0.04, 0.47, 0.00, 0.25
HSL	295°, 41%, 57%
HSV	295°, 47%, 75%
XYZ	33.1428, 22.7771, 51.3648
YIQ	134.7780, 19.9820, 45.3740

Conversions

Conversions Part 2

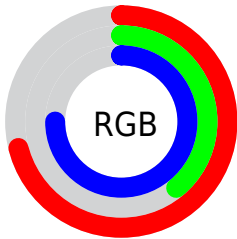
Format	Color
R _Y B	182, 100, 190
Decimal	11953342
CIE Lab	54.84, 46.57, -33.55
CIE LCh	55, 57.400, 324.233
Yxy	22.7771, 0.3089, 0.2123
Android (android.graphics.Color)	4290143422 (0xFFB664BE)
YUV	134.7780, 27.2244, 41.4137
Hunter-Lab	47.7254, 40.4397, -30.4035

Details

The YUV color **134.7780, 27.2244, 41.4137** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **155.2220, -27.2244, -41.4137**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7290, 28.2346, 44.0877**, and **81.6530, 26.7931, 39.7693** is the 20% darker color. If you saturate the color by 10%, you get **123.0270, 33.0177, 49.9653**, and if you desaturate by 10%, it is **146.5290, 21.4312, 32.8621**.

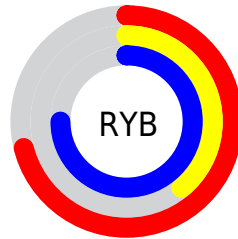
Distribution



Red (71%)

Green (39%)

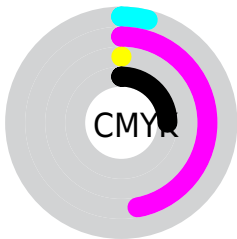
Blue (75%)



Red (71%)

Yellow (39%)

Blue (75%)

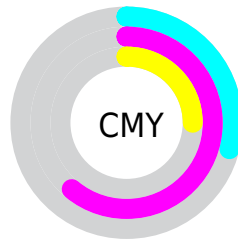


Cyan (4%)

Magenta (47%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (61%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7780, 27.2244, 41.4137 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 134.7780, 27.2244, 41.4137 by changing the saturation by 10% instead.

134.7780, 27.2244,
41.4137

134.7780, 27.2244,
41.4137

255.0000, 0.0000,
0.0000

108.0660, 27.0825,
40.2841

189.7290, 28.2346,
44.0877

81.6530, 26.7931,
39.7693

211.5620, 21.4149,
38.0951

54.2940, 27.9561,
40.0842

227.9980, 13.3120,
23.6808

31.9300, 26.6565,
36.8954

245.0210, 4.9196,
8.7516

22.0180, 19.7111,
24.5402

12.0350, 13.7867,
11.3703

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 134.7780, 27.2244,
41.4137

■ 134.7780, 27.2244,
41.4137

■ 123.0270, 33.0177,
49.9653

■ 146.5290, 21.4312,
32.8621

■ 111.5750, 38.6635,
59.1317

■ 157.9810, 15.7854,
23.6957

■ 99.8240, 44.4568,
67.6834

■ 169.7320, 9.9921,
15.1440

■ 88.0730, 50.2500,
76.2350

■ 181.4830, 4.1989,
6.5924

■ 76.6210, 55.8958,
85.4014

■ 192.9350, -1.4470,
-2.5740

73.3870, 57.4902,
87.3606

204.6860, -7.2402,
-11.1256

216.4370,
-13.0334, -19.6772

228.1880,
-18.8267, -28.2289

230.2480,
-19.8423, -29.1585

Harmonies

Analogous

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



130.7090, 45.0065, -15.5308



134.7780, 27.2244, 41.4137



129.8950, 6.4608, 74.6371

Triad

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



134.7780, 27.2244, 41.4137



125.0500, -52.7756, 34.1592



109.8920, 30.1262, -96.3753

Complementary

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



134.7780, 27.2244, 41.4137



155.2220, -27.2244, -41.4137

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.



104.0780, 7.8495, -91.2764



134.7780, 27.2244, 41.4137



120.9420, -45.8204, -3.4571

Square

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



134.7780, 27.2244, 41.4137



127.7220, -38.3169, 63.3878



110.3820, -19.9083, -54.7090



112.1040, 48.7557, -98.3152

Rectangle

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



134.7780, 27.2244, 41.4137



127.9270, -8.8380, 81.6250



110.3820, -19.9083, -54.7090



108.5410, 22.4113, -95.1905

Sweetspot

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



134.7780, 27.2244, 41.4137



226.1450, 10.2815, 15.6588



115.5430, 36.7073, -13.6312



112.0750, 6.3720, 9.5812



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



134.7780, 27.2244, 41.4137



160.6450, 42.5730, 65.2093



133.0660, 10.3205, 49.9311



88.7170, 2.6045, 4.6332



61.0680, 47.7875, 72.7314



11.9060, 9.4133, 14.1144

Inverse Universe

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



127.8220, -9.7722, 54.5301



149.6410, -15.1060, 85.3838



156.9340, -10.3205, -49.9311



87.8050, -0.8899, 5.4330



48.8380, -17.1751, 95.7351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 134.7780, 27.2244, 41.4137 looks on a white background.

Color Contrast Check

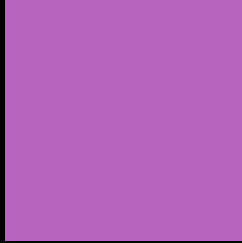
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7780, 27.2244, 41.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

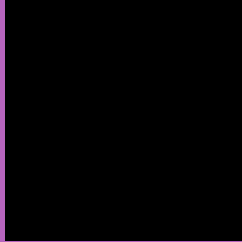
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.7780, 27.2244, 41.4137

Background



This preview shows how black text looks on a background with the YUV color 134.7780, 27.2244, 41.4137.



This preview shows how white text looks on a background with the YUV color 134.7780, 27.2244,

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

134.7780, 27.2244, 41.4137

Protanopia

129.5350, 42.1342, -27.6562

Deuteranopia

131.0730, 26.0930, -15.8500



Tritanopia

133.3680, -4.6184, 34.7573

Trichromacy



Original Color

134.7780, 27.2244, 41.4137



Protanomaly

131.3210, 36.8167, -2.0355



Deuteranomaly

132.3190, 26.4647, 4.9822



Tritanomaly

134.0660, 6.8695, 36.7761

Monochromacy



Original Color

134.7780, 27.2244, 41.4137



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.7320, 9.9921, 15.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7780, 27.2244, 41.4137 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(182, 100, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 100, 190)  
}
```

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(182, 100, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 100, 190) }
```

Border

The CSS property to change the border of an element to YUV 134.7780, 27.2244, 41.4137 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(182, 100, 190) }
```


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

```
.border{ border-color:rgb(182, 100, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 100, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 100, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 100, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 100,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 134.7780, 27.2244, 41.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 100, 190) }
```

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

```
.background{ background-color: rgb(182,  
100, 190) }
```

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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