

Converting Colors

YUV(134.7500, 26.2523,
26.5293)

Have a look what the booklet for
YUV(134.7500, 26.2523, 26.5293)
contains.

YUV(134.7500, 26.2523, 26.5293)	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(134.7500, 26.2523,
26.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	A56DBC
RGB	165, 109, 188
RGB Percent	65%, 43%, 74%
CMY	0.3529, 0.5725, 0.2627
CMYK	0.12, 0.42, 0.00, 0.26
HSL	283°, 37%, 58%
HSV	283°, 42%, 74%
XYZ	30.0628, 22.5675, 50.3484
YIQ	134.7500, 8.0170, 36.4410

Conversions

Conversions Part 2

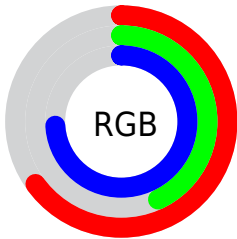
Format	Color
R_{YB}	165, 109, 188
Decimal	10841532
CIE _{Lab}	54.62, 36.26, -32.89
CIE _{LCh}	55, 48.953, 317.785
Yxy	22.5675, 0.2919, 0.2191
Android (android.graphics.Color)	4289031612 (0xFFA56DBC)
YUV	134.7500, 26.2523, 26.5293
Hunter-Lab	47.5052, 29.8263, -29.5849

Details

The YUV color **134.7500, 26.2523, 26.5293** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **162.2500, -26.2522, -26.5292**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1030, 27.5572, 27.9737**, and **83.0980, 25.0947, 24.4701** is the 20% darker color. If you saturate the color by 10%, you get **122.1020, 32.4877, 33.2365**, and if you desaturate by 10%, it is **147.3980, 20.0168, 19.8220**.

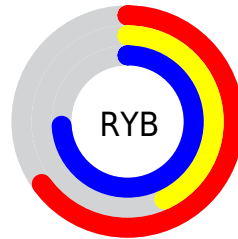
Distribution



Red (65%)

Green (43%)

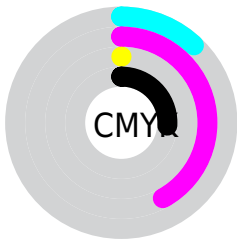
Blue (74%)



Red (65%)

Yellow (43%)

Blue (74%)

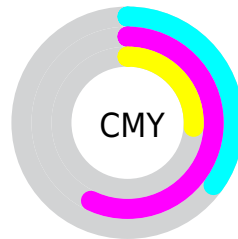


Cyan (12%)

Magenta (42%)

Yellow (0%)

Black (26%)



Cyan (35%)


Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.7500, 26.2523, 26.5293 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 134.7500, 26.2523, 26.5293 by changing the saturation by 10% instead.


 134.7500, 26.2523,
26.5293


 134.7500, 26.2523,
26.5293


255.0000, 0.0000,
0.0000


 108.9240, 25.6735,
25.4997


 189.1030, 27.5572,
27.9737


 83.0980, 25.0947,
24.4701


 214.7630, 19.8368,
30.9028


 58.6850, 24.8053,
23.9553

 232.6940, 10.9969,
19.5624

 33.6850, 24.8053,
23.9553

 249.7170, 2.6045,
4.6332

 18.0170, 21.1906,
16.6481

 5.5280, 16.0087,
-1.3401

 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 134.7500, 26.2523,
26.5293

■ 134.7500, 26.2523,
26.5293

■ 122.1020, 32.4877,
33.2365

■ 147.3980, 20.0168,
19.8220

■ 109.1550, 38.8706,
39.3291

■ 160.3450, 13.6339,
13.7294

■ 97.0940, 44.8167,
45.5216

■ 172.4060, 7.6878,
7.5369

■ 84.1470, 51.1995,
51.6141

■ 185.3530, 1.3050,
1.4444

■ 71.4990, 57.4350,
58.3214

■ 198.0010, -4.9305,
-5.2629

61.1990, 62.5129,
62.9695

210.9480,
-11.3134, -11.3554

223.5960,
-17.5488, -18.0627

233.6080,
-22.4847, -21.5812

235.1030,
-23.2218, -18.5073

Harmonies

Analogous

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



128.5140, 40.6656, -23.2528



134.7500, 26.2523, 26.5293



132.3660, 8.6936, 58.4380

Triad

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



134.7500, 26.2523, 26.5293



127.1610, -40.9984, 36.6928



106.3070, 24.0056, -93.2312

Complementary

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



134.7500, 26.2523, 26.5293



162.2500, -26.2522, -26.5292

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.



100.7040, 5.0759, -88.3174



134.7500, 26.2523, 26.5293



123.7180, -39.3010, 5.5093

Square

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



134.7500, 26.2523, 26.5293



128.9910, -29.5756, 59.6439



117.1290, -22.7416, -32.5621



108.7640, 41.0353, -95.3860

Rectangle

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



134.7500, 26.2523, 26.5293



129.9900, -4.4321, 68.4148



117.1290, -22.7416, -32.5621



105.2980, 17.6011, -92.3463

Sweetspot

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



134.7500, 26.2523, 26.5293



223.5250, 10.5872, 10.9406



132.0940, 27.5617, -20.2534



109.3520, 6.2355, 6.7073



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.



134.7500, 26.2523, 26.5293



162.0350, 40.9017, 41.1883



139.8030, 15.8731, 42.2688



88.1190, 2.8993, 3.4036



51.5000, 52.5045, 53.0585



10.1120, 10.2978, 10.4258

Inverse Universe

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



135.2430, -1.5988, 46.2679



162.8810, -2.4063, 72.0184



157.1970, -15.8731, -42.2688



88.0330, -0.0163, 5.2331



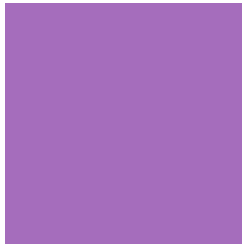
52.4860, -3.1976, 92.5358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 134.7500, 26.2523, 26.5293 looks on a white background.

Color Contrast Check

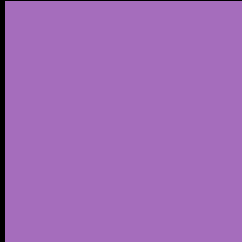
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7500, 26.2523, 26.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

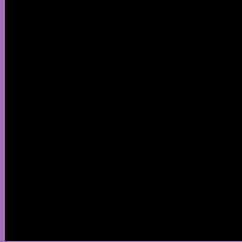
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.7500, 26.2523, 26.5293

Background



This preview shows how black text looks on a background with the YUV color 134.7500, 26.2523, 26.5293.



This preview shows how white text looks on a background with the YUV color 134.7500, 26.2523, 26.5293.

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

134.7500, 26.2523, 26.5293

Protanopia

129.7760, 36.5924, -23.4826

Deuteranopia

130.7740, 26.2404, -16.4648



Tritanopia

133.1920, -1.0807, 20.0026

Trichromacy



Original Color

134.7500, 26.2523, 26.5293

Protanomaly

131.8600, 32.6070, -5.1392

Deuteranomaly

131.8730, 26.1916, -0.7656

Tritanomaly

133.5480, 9.0968, 22.3214

Monochromacy



Original Color

134.7500, 26.2523, 26.5293

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7500, 26.2523, 26.5293 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(165, 109, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 109, 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(165, 109, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 109, 188) }
```

Border

The CSS property to change the border of an element to YUV 134.7500, 26.2523, 26.5293 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(165, 109, 188) }
```


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

```
.border{ border-color:rgb(165, 109, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 109, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 109, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 109, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 109,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 134.7500, 26.2523, 26.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 109, 188) }
```

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

```
.background{ background-color: rgb(165,  
109, 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](#).

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