

Converting Colors

YUV(135.6650, 35.1682,
13.4488)

Have a look what the booklet for
YUV(135.6650, 35.1682, 13.4488)
contains.

YUV(135.6650, 35.1682, 13.4488)	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(135.6650, 35.1682,
13.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	9772CF
RGB	151, 114, 207
RGB Percent	59%, 45%, 81%
CMY	0.4078, 0.5529, 0.1882
CMYK	0.27, 0.45, 0.00, 0.19
HSL	264°, 49%, 63%
HSV	264°, 45%, 81%
XYZ	30.0423, 23.1189, 61.9105
YIQ	135.6650, -7.8010, 36.7670

Conversions

Conversions Part 2

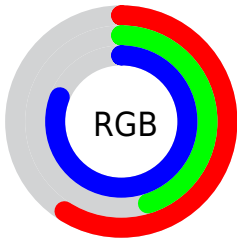
Format	Color
R_{YB}	151, 114, 207
Decimal	9925327
CIE _{Lab}	55.19, 33.72, -42.94
CIE _{LCh}	55, 54.598, 308.140
Yxy	23.1189, 0.2611, 0.2009
Android (android.graphics.Color)	4288115407 (0xFF9772CF)
YUV	135.6650, 35.1682, 13.4488
Hunter-Lab	48.0821, 27.3852, -42.6842

Details

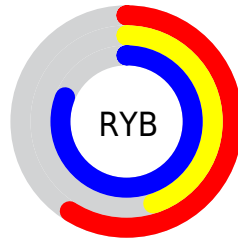
The YUV color **135.6650, 35.1682, 13.4488** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **185.3350, -35.1682, -13.4488**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9920, 32.5419, 15.7930**, and **84.4860, 33.2844, 10.9748** is the 20% darker color. If you saturate the color by 10%, you get **119.7500, 43.0143, 16.8823**, and if you desaturate by 10%, it is **151.5800, 27.3221, 10.0153**.

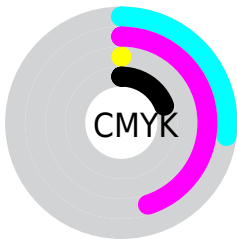
Distribution



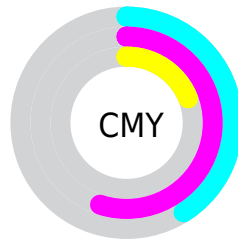
- Red (59%)
- Green (45%)
- Blue (81%)



- Red (59%)
- Yellow (45%)
- Blue (81%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6650, 35.1682, 13.4488 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 135.6650, 35.1682, 13.4488 by changing the saturation by 10% instead.

135.6650, 35.1682,
13.4488

135.6650, 35.1682,
13.4488

255.0000, 0.0000,
0.0000

109.7250, 34.1526,
12.5192

188.9920, 32.5419,
15.7930

84.4860, 33.2844,
10.9748

213.5120, 20.4536,
19.7220

60.2470, 32.4162,
9.4304

235.6290, 9.5499,
16.9884

36.0080, 31.5481,
7.8860

252.6520, 1.1576,
2.0592

13.4480, 30.8381,
2.2381

5.9280, 22.7135,
-5.1989

4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 135.6650, 35.1682,
13.4488

■ 135.6650, 35.1682,
13.4488

■ 119.7500, 43.0143,
16.8823

■ 151.5800, 27.3221,
10.0153

■ 104.1230, 50.7184,
19.1861

■ 167.2070, 19.6179,
7.7115

■ 88.2080, 58.5645,
22.6196

■ 183.1220, 11.7719,
4.2780

■ 71.9940, 66.5580,
25.4383

■ 199.3360, 3.7784,
1.4593

■ 56.6660, 74.1147,
28.3569

■ 215.2510, -4.0677,
-1.9741

■ 48.1160, 78.3298,
29.7163

■ 230.8780,
-11.7719, -4.2780

■ 244.4450,
-18.4604, -5.6523

■ 248.3320,
-20.3767, 2.3398

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



119.9810, 52.2674, -57.8653



135.6650, 35.1682, 13.4488



134.4180, 16.5559, 56.6384

Triad

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



135.6650, 35.1682, 13.4488



128.5540, -43.6571, 49.5031



107.4010, 18.0433, -94.1907

Complementary

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



135.6650, 35.1682, 13.4488



185.3350, -35.1682, -13.4488

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.



100.0540, -2.4916, -87.7474



135.6650, 35.1682, 13.4488



125.0910, -48.3589, 17.4602

Square

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



135.6650, 35.1682, 13.4488



129.2790, -26.2665, 71.6693



119.7360, -33.3938, -22.5705



111.3570, 38.2780, -97.6601

Rectangle

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



135.6650, 35.1682, 13.4488



131.5590, 2.6824, 73.1778



119.7360, -33.3938, -22.5705



104.9900, 11.3439, -92.0762

Sweetspot

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



135.6650, 35.1682, 13.4488



229.6490, 12.4980, 4.6928



158.0610, 24.1269, -38.6415



111.7860, 7.9935, 2.8187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



135.6650, 35.1682, 13.4488



149.1770, 52.1707, 20.0158



149.1200, 28.5348, 41.1138



96.4500, 4.2152, 1.3594



39.1850, 63.5058, 24.3938



9.4580, 15.5502, 5.7373

Inverse Universe

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



148.1910, 10.7518, 51.5755



167.7240, 15.9121, 76.5411



171.8800, -28.5348, -41.1138



97.9730, 0.9993, 6.1627



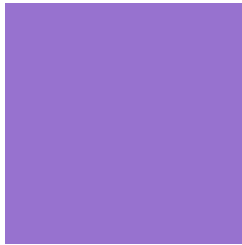
61.7460, 19.3522, 93.1848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 135.6650, 35.1682, 13.4488 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 135.6650, 35.1682, 13.4488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

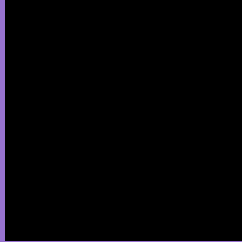
Any Text WCAG AA ✓ Pass

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 135.6650, 35.1682, 13.4488 Background



This preview shows how black text looks on a background with the YUV color 135.6650, 35.1682, 13.4488.



This preview shows how white text looks on a background with the YUV color 135.6650, 35.1682, 13.4488.

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

135.6650, 35.1682, 13.4488

Protanopia

129.0230, 45.3447, -30.7152

Deuteranopia

129.6290, 36.1719, -28.6156



Tritanopia

132.8310, 3.0413, 4.5332

Trichromacy



Original Color

135.6650, 35.1682, 13.4488

Protanomaly

131.7970, 41.5121, -14.7310

Deuteranomaly

131.6140, 35.6863, -12.8165

Tritanomaly

134.2410, 14.6712, 7.6816

Monochromacy



Original Color

135.6650, 35.1682, 13.4488

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7630, 12.9348, 4.5928

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6650, 35.1682, 13.4488 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(151, 114, 207)` looks like.

```
.text, #text, p{  
    color:rgb(151, 114, 207)  
}
```

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(151, 114, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 114, 207) }
```

Border

The CSS property to change the border of an element to YUV 135.6650, 35.1682, 13.4488 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(151, 114, 207) }
```


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

```
.border{ border-color:rgb(151, 114, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 114, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 114, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 114, 207);  
box-shadow:4px 4px 4px 4px rgb(151, 114,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 135.6650, 35.1682, 13.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 114, 207) }
```

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

```
.background{ background-color: rgb(151,  
114, 207) }
```

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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