

Converting Colors

YUV(135.7630, 36.5988,
21.2558)

Have a look what the booklet for
YUV(135.7630, 36.5988, 21.2558)
contains.

YUV(135.7630, 36.5988, 21.2558)	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(135.7630, 36.5988,
21.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	A06DD2
RGB	160, 109, 210
RGB Percent	63%, 43%, 82%
CMY	0.3725, 0.5725, 0.1765
CMYK	0.24, 0.48, 0.00, 0.18
HSL	270°, 53%, 63%
HSV	270°, 48%, 82%
XYZ	31.5987, 23.0640, 63.7591
YIQ	135.7630, -2.0250, 42.2230

Conversions

Conversions Part 2

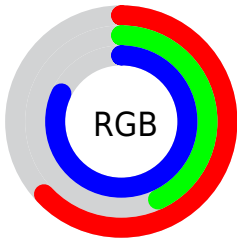
Format	Color
R_{YB}	160, 109, 210
Decimal	10513874
CIE _{Lab}	55.14, 39.75, -44.67
CIE _{LCh}	55, 59.793, 311.660
Yxy	23.0640, 0.2668, 0.1948
Android (android.graphics.Color)	4288703954 (0xFFA06DD2)
YUV	135.7630, 36.5988, 21.2558
Hunter-Lab	48.0250, 33.4028, -45.0973

Details

The YUV color **135.7630, 36.5988, 21.2558** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **183.2370, -36.5988, -21.2558**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0470, 32.5148, 24.5148**, and **83.9970, 35.0045, 19.2966** is the 20% darker color. If you saturate the color by 10%, you get **120.4460, 44.1501, 25.9189**, and if you desaturate by 10%, it is **151.0800, 29.0476, 16.5928**.

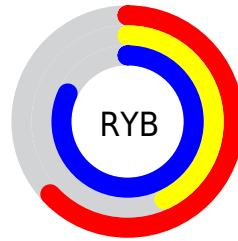
Distribution



Red (63%)

Green (43%)

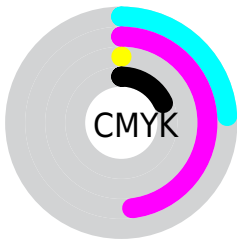
Blue (82%)



Red (63%)

Yellow (43%)

Blue (82%)

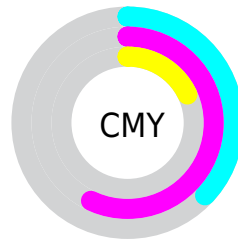


Cyan (24%)

Magenta (48%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (57%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7630, 36.5988, 21.2558 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 135.7630, 36.5988, 21.2558 by changing the saturation by 10% instead.

■ 135.7630, 36.5988,
21.2558

■ 135.7630, 36.5988,
21.2558

■ 255.0000, 0.0000,
0.0000

■ 109.8230, 35.5833,
20.3262

■ 189.0470, 32.5148,
24.5148

■ 83.9970, 35.0045,
19.2966

■ 213.5670, 20.4265,
28.4437

■ 58.7580, 34.1363,
17.7522

■ 232.6940, 10.9969,
19.5624

■ 32.8720, 34.5731,
17.6523

■ 249.7170, 2.6045,
4.6332

■ 16.6660, 30.2377,
8.1859

■ 6.2700, 24.0239,
-5.4988

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 135.7630, 36.5988,
21.2558

■ 135.7630, 36.5988,
21.2558

■ 120.4460, 44.1501,
25.9189

■ 151.0800, 29.0476,
16.5928

■ 104.8300, 51.8488,
29.9671

■ 166.6960, 21.3489,
12.5446

■ 89.5130, 59.4001,
34.6301

■ 182.0130, 13.7976,
7.8816

■ 73.8970, 67.0988,
38.6783

■ 197.6290, 6.0989,
3.8334

■ 58.5800, 74.6501,
43.3413

■ 212.9460, -1.4524,
-0.8296

■ 55.6340, 76.1024,
44.1710

■ 228.2630, -9.0037,
-5.4927

■ 243.2920,
-16.4130, -9.0261

■ 246.2820,
-17.8870, -2.8783

■ 249.5710,
-19.5085, 3.8842

Harmonies

Analogous

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



120.3170, 56.0457, -56.4060



135.7630, 36.5988, 21.2558



132.4840, 16.5234, 67.1045

Triad

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



135.7630, 36.5988, 21.2558



126.6050, -51.0773, 49.4584



108.7860, 20.8115, -95.4053

Complementary

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



135.7630, 36.5988, 21.2558



183.2370, -36.5988, -21.2558

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.



101.4560, -2.1968, -88.9769



135.7630, 36.5988, 21.2558



121.9630, -57.6628, 14.9414

Square

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



135.7630, 36.5988, 21.2558



127.7480, -30.9348, 75.6430



116.5670, -33.8035, -31.1923



113.1980, 42.7934, -99.2746

Rectangle

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



135.7630, 36.5988, 21.2558



128.5710, 1.1975, 82.8142



116.5670, -33.8035, -31.1923



106.7340, 12.9491, -93.6057

Sweetspot

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



135.7630, 36.5988, 21.2558



228.4860, 13.0714, 7.4668



149.8640, 29.6470, -35.8377



111.7970, 7.9881, 4.5630



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.



135.7630, 36.5988, 21.2558



146.2970, 53.5906, 31.3115



150.7130, 29.2285, 51.9947



96.7490, 4.0677, 1.9741



44.5670, 60.8525, 35.4597



10.9530, 14.8132, 8.8112

Inverse Universe

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



144.8990, 6.9518, 57.0936



159.5740, 10.0700, 83.6886



168.2870, -29.2285, -51.9947



97.8590, 0.5625, 6.2627



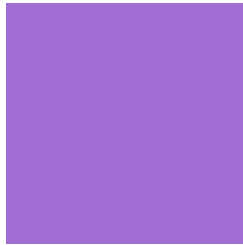
59.6940, 11.4899, 94.9844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 135.7630, 36.5988, 21.2558 looks on a white background.

Color Contrast Check

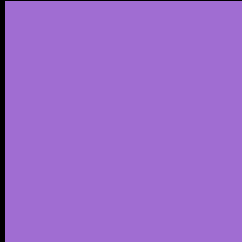
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7630, 36.5988, 21.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

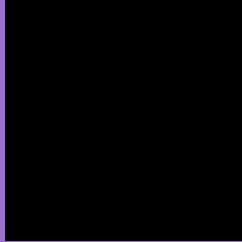
Any Text WCAG AA ✓ Pass

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 135.7630, 36.5988, 21.2558 Background



This preview shows how black text looks on a background with the YUV color 135.7630, 36.5988, 21.2558.



This preview shows how white text looks on a background with the YUV color 135.7630, 36.5988, 21.2558.

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

135.7630, 36.5988, 21.2558

Protanopia

128.0270, 49.2867, -35.1037

Deuteranopia

128.9600, 37.4877, -30.6599



Tritanopia

133.4190, 1.2724, 11.9105

Trichromacy



Original Color

135.7630, 36.5988, 21.2558



Protanomaly

130.8940, 44.4223, -14.8160



Deuteranomaly

131.6680, 37.1387, -11.9868



Tritanomaly

134.4700, 14.0653, 15.3738

Monochromacy



Original Color

135.7630, 36.5988, 21.2558



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.8990, 13.3608, 7.9816

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7630, 36.5988, 21.2558 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(160, 109, 210)` looks like.

```
.text, #text, p{  
    color:rgb(160, 109, 210)  
}
```

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(160, 109, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 109, 210) }
```

Border

The CSS property to change the border of an element to YUV 135.7630, 36.5988, 21.2558 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(160, 109, 210) }
```


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

```
.border{ border-color:rgb(160, 109, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 109, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 109, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 109, 210);  
box-shadow:4px 4px 4px 4px rgb(160, 109,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 135.7630, 36.5988, 21.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 109, 210) }
```

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

```
.background{ background-color: rgb(160,  
109, 210) }
```

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