

Converting Colors

YUV(106.6490, 36.1620,
21.3558)

Have a look what the booklet for
YUV(106.6490, 36.1620, 21.3558)
contains.

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Color

**YUV(106.6490, 36.1620,
21.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	8350B4
RGB	131, 80, 180
RGB Percent	51%, 31%, 71%
CMY	0.4863, 0.6863, 0.2941
CMYK	0.27, 0.56, 0.00, 0.29
HSL	271°, 40%, 51%
HSV	271°, 56%, 71%
XYZ	20.4670, 13.8579, 44.7761
YIQ	106.6490, -1.7040, 41.9120

Conversions

Conversions Part 2

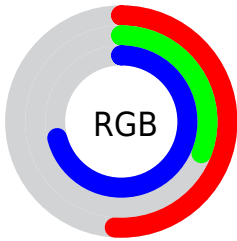
Format	Color
R_{YB}	131, 80, 180
Decimal	8605876
CIE Lab	44.03, 40.95, -45.23
CIE LCh	44, 61.013, 312.155
Yxy	13.8579, 0.2587, 0.1752
Android (android.graphics.Color)	4286795956 (0xFF8350B4)
YUV	106.6490, 36.1620, 21.3558
Hunter-Lab	37.2262, 32.9934, -45.2564

Details

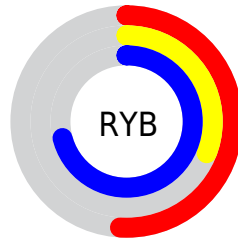
The YUV color **106.6490, 36.1620, 21.3558** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **153.3510, -36.1620, -21.3558**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4150, 37.7564, 23.3150**, and **55.8830, 34.5677, 19.3966** is the 20% darker color. If you saturate the color by 10%, you get **93.3920, 42.6977, 25.0892**, and if you desaturate by 10%, it is **119.9060, 29.6263, 17.6224**.

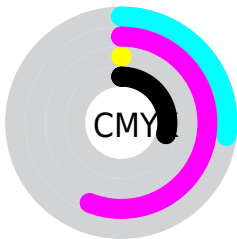
Distribution



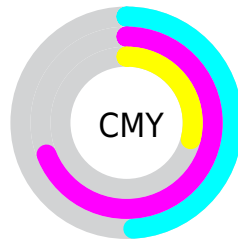
- Red (51%)
- Green (31%)
- Blue (71%)



- Red (51%)
- Yellow (31%)
- Blue (71%)



- Cyan (27%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6490, 36.1620, 21.3558 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 106.6490, 36.1620, 21.3558 by changing the saturation by 10% instead.

106.6490, 36.1620,
21.3558

106.6490, 36.1620,
21.3558

255.0000, 0.0000,
0.0000

80.8230, 35.5833,
20.3262

159.4150, 37.7564,
23.3150

55.8830, 34.5677,
19.3966

186.1010, 33.9672,
25.3444

29.1110, 35.4413,
19.1967

210.6210, 21.8788,
29.2734

16.1390, 29.5115,
7.7711

230.3460, 12.1544,
21.6216

6.0420, 23.1503,
-5.2988

247.3690, 3.7621,
6.6924

4.7080, 12.9620,
-4.1289

0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 106.6490, 36.1620,
21.3558

■ 106.6490, 36.1620,
21.3558

■ 93.3920, 42.6977,
25.0892

■ 119.9060, 29.6263,
17.6224

■ 80.1350, 49.2334,
28.8226

■ 133.1630, 23.0906,
13.8890

■ 67.1770, 55.6217,
33.1708

■ 146.1210, 16.7023,
9.5409

■ 53.9200, 62.1574,
36.9042

■ 159.3780, 10.1666,
5.8075

■ 48.0280, 65.0622,
38.5634

■ 172.6350, 3.6309,
2.0741

■ 185.8920, -2.9048,
-1.6593

■ 199.1490, -9.4405,
-5.3927

■ 212.4060,
-15.9762, -9.1261

■ 225.3640,
-22.3645, -13.4742

Harmonies

Analogous

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



83.7170, 59.2995, -73.4198



106.6490, 36.1620, 21.3558



99.8370, 17.8284, 68.5490

Triad

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



106.6490, 36.1620, 21.3558



97.6800, -48.1562, 45.8846



88.6850, 17.4103, -77.7767

Complementary

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



106.6490, 36.1620, 21.3558



153.3510, -36.1620, -21.3558

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.



81.4690, -5.1612, -71.4483



106.6490, 36.1620, 21.3558



95.3890, -47.0268, 10.1828

Square

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



106.6490, 36.1620, 21.3558



97.0790, -29.6189, 73.5987



85.5020, -35.2505, -33.7663



92.8690, 38.5186, -81.4461

Rectangle

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



106.6490, 36.1620, 21.3558



94.6790, 4.1023, 84.4735



85.5020, -35.2505, -33.7663



86.0460, 9.8373, -75.4623

Sweetspot

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



106.6490, 36.1620, 21.3558



205.5400, 14.5238, 8.2964



120.7500, 29.2102, -35.7377



100.2100, 8.2775, 5.0778



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



106.6490, 36.1620, 21.3558



119.2310, 57.0741, 34.0004



121.3000, 28.9391, 51.4799



82.5210, 3.1941, 2.1741



40.7640, 55.3323, 32.6560



6.8510, 9.4405, 5.3927

Inverse Universe

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



115.4860, 6.6624, 56.5788



133.0200, 10.3431, 89.4365



138.7000, -28.9391, -51.4799



83.2610, 0.8573, 5.0331



54.2970, 10.2066, 86.5625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 106.6490, 36.1620, 21.3558 looks on a white 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

Black Background



This preview shows how the YUV color 106.6490, 36.1620, 21.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

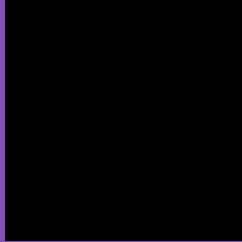
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6490, 36.1620, 21.3558 Background



This preview shows how black text looks on a background with the YUV color 106.6490, 36.1620, 21.3558.



This preview shows how white text looks on a background with the YUV color 106.6490, 36.1620,

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

106.6490, 36.1620, 21.3558

Protanopia

95.9550, 51.7872, -43.8105

Deuteranopia

98.3290, 37.7988, -37.1225



Tritanopia

105.5930, 0.6937, 10.8809

Trichromacy



Original Color

106.6490, 36.1620, 21.3558

Protanomaly

99.6160, 46.0383, -19.8342

Deuteranomaly

101.3470, 37.2969, -16.0903

Tritanomaly

106.0570, 13.7759, 14.8590

Monochromacy



Original Color

106.6490, 36.1620, 21.3558

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8990, 13.3608, 7.9816

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6490, 36.1620, 21.3558 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(131, 80, 180)` looks like.

```
.text, #text, p{  
    color:rgb(131, 80, 180)  
}
```

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(131, 80, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 80, 180) }
```

Border

The CSS property to change the border of an element to YUV 106.6490, 36.1620, 21.3558 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(131, 80, 180) }
```


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

```
.border{ border-color:rgb(131, 80, 180) }
```

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

Here you see how a box with a 4 pixel rgb(131, 80, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 80, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 80, 180);  
box-shadow:4px 4px 4px 4px rgb(131, 80,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 106.6490, 36.1620, 21.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 80, 180) }
```

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

```
.background{ background-color: rgb(131, 80,  
180) }
```

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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