

Converting Colors

YUV(34.5100, 6.6506, 13.5847)

Have a look what the booklet for
YUV(34.5100, 6.6506, 13.5847)
contains.

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Color

**YUV(34.5100, 6.6506,
13.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	321830
RGB	50, 24, 48
RGB Percent	20%, 9%, 19%
CMY	0.8039, 0.9059, 0.8118
CMYK	0.00, 0.52, 0.04, 0.80
HSL	305°, 35%, 15%
HSV	305°, 52%, 20%
XYZ	2.1755, 1.5448, 2.9798
YIQ	34.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

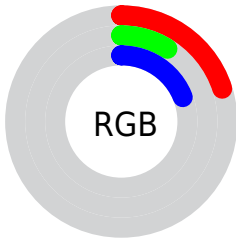
Format	Color
R_{YB}	50, 24, 48
Decimal	3282992
CIE _{Lab}	12.89, 17.44, -10.46
CIE _{LCh}	13, 20.335, 329.043
Yxy	1.5448, 0.3247, 0.2306
Android (android.graphics.Color)	4281473072 (0xFF321830)
YUV	34.5100, 6.6506, 13.5847
Hunter-Lab	12.4289, 9.4936, -5.5145




Details

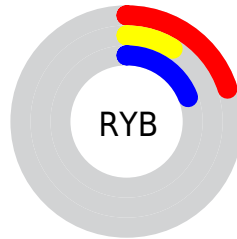
The YUV color **34.5100, 6.6506, 13.5847** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.4900, -6.6506, -13.5847**, and the grayscale version is **34.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **79.6350, 7.0819, 15.2291**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.5750, 8.0975, 16.1587**, and if you desaturate by 10%, it is **37.4450, 5.2036, 11.0107**.

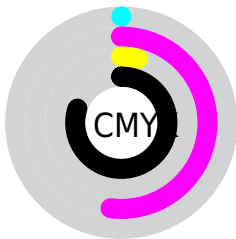
Distribution







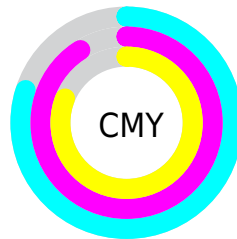
-  Red (20%)
-  Green (9%)
-  Blue (19%)






-  Red (20%)
-  Yellow (9%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (4%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (91%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.5100, 6.6506, 13.5847 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 34.5100, 6.6506, 13.5847 by changing the saturation by 10% instead.

■ 34.5100, 6.6506,
13.5847

■ 34.5100, 6.6506,
13.5847

■ 253.8260, 0.5788,
1.0296

■ 12.0480, 7.3713,
15.7439

■ 79.6350, 7.0819,
15.2291

■ 0.0000, 0.0000,
0.0000

■ 104.0480, 7.3713,
15.7439

■ 128.7600, 7.5133,
16.8735

■ 155.1730, 7.8027,
17.3883

■ 182.4720, 7.6553,
18.0031

■ 209.8850, 7.9447,

18.5179

236.8030, 8.9711,
15.9588

34.5100, 6.6506,
13.5847

34.5100, 6.6506,
13.5847

31.5750, 8.0975,
16.1587

37.4450, 5.2036,
11.0107

28.5260, 9.1077,
18.8327

40.4940, 4.1935,
8.3368

25.5910, 10.5546,
21.4067

43.4290, 2.7465,
5.7628

22.5420, 11.5648,
24.0807

46.4780, 1.7363,
3.0888

20.1940, 12.7224,
26.1399

49.4130, 0.2894,
0.5148

■ 52.3480, -1.1576,
-2.0592

■ 55.3970, -2.1677,
-4.7332

■ 58.3320, -3.6147,
-7.3072

■ 61.2670, -5.0616,
-9.8812

Harmonies

Analogous

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



34.0890, 11.7881, -0.9551



34.5100, 6.6506, 13.5847



33.5450, 0.2243, 21.4470

Triad

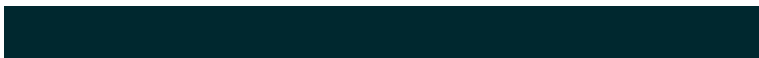
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.5100, 6.6506, 13.5847



31.3420, -15.4516, 9.3471



28.8380, 8.9539, -25.2909

Complementary

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



34.5100, 6.6506, 13.5847



39.4900, -6.6506, -13.5847

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.



27.1280, 2.4019, -23.7913



34.5100, 6.6506, 13.5847



29.8460, -13.2351, -1.6189

Square

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



34.5100, 6.6506, 13.5847



32.2660, -13.4421, 18.1837



27.3370, -4.6031, -16.9585



28.8040, 13.9006, -25.2611

Rectangle

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



34.5100, 6.6506, 13.5847



32.8180, -3.8543, 22.9616



27.3370, -4.6031, -16.9585



28.2680, 6.7699, -24.7910

Sweetspot

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



34.5100, 6.6506, 13.5847



58.0160, 2.4571, 5.2480



27.5620, 11.0619, -1.3699



29.4780, 1.7363, 3.0888



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



34.5100, 6.6506, 13.5847



40.1780, 10.2652, 20.8919



33.0280, 0.9722, 14.8844



24.1250, 0.4314, 1.6444



35.9590, 22.6982, 46.5170



87.6830, 55.3723, 113.4110

Inverse Universe

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



34.5100, 6.6506, 13.5847



40.1780, 10.2652, 20.8919



40.9720, -0.9722, -14.8844



24.1250, 0.4314, 1.6444



35.9590, 22.6982, 46.5170



87.6830, 55.3723, 113.4110

Previews

White Background



This preview shows how the YUV color 34.5100, 6.6506, 13.5847 looks on a white background.

Color Contrast Check

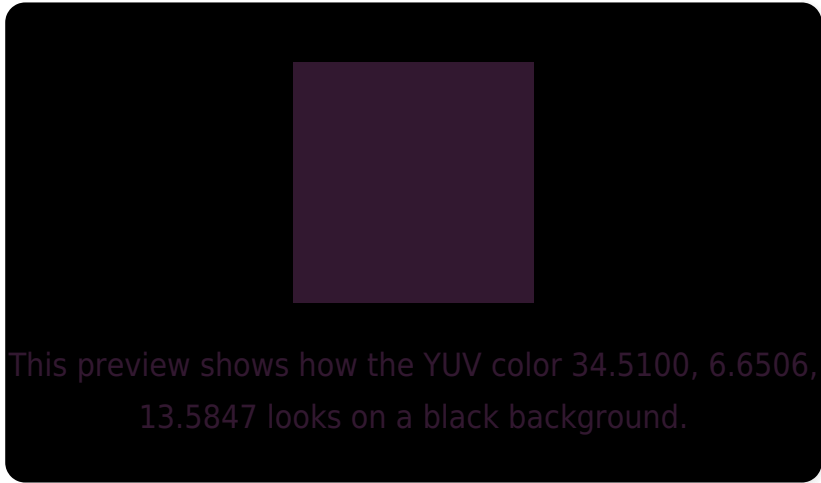
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

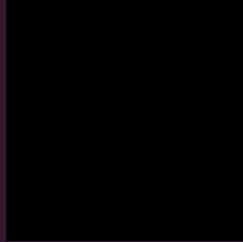
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.5100, 6.6506, 13.5847

Background



This preview shows how black text looks on a background with the YUV color 34.5100, 6.6506, 13.5847.



This preview shows how white text looks on a background with the YUV color 34.5100, 6.6506, 13.5847.

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

34.5100, 6.6506, 13.5847

Protanopia

33.2300, 11.2256, -7.2177

Deuteranopia

34.1720, 5.8312, -3.6588



Tritanopia

34.2080, -2.0745, 12.0956

Trichromacy



Original Color

34.5100, 6.6506, 13.5847

Protanomaly

33.8180, 9.4567, 0.1596

Deuteranomaly

34.0310, 6.3937, 2.6038

Tritanomaly

34.7180, 1.1250, 12.5253

Monochromacy



Original Color

34.5100, 6.6506, 13.5847

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5100, 6.6506, 13.5847 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(50, 24, 48)` looks like.

```
.text, #text, p{  
    color:rgb(50, 24, 48)  
}
```

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(50, 24, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 24, 48) }
```

Border

The CSS property to change the border of an element to YUV 34.5100, 6.6506, 13.5847 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(50, 24, 48) }
```


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

```
.border{ border-color:rgb(50, 24, 48) }
```

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

Here you see how a box with a 4 pixel rgb(50, 24, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 24, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 24, 48);  
box-shadow:4px 4px 4px 4px rgb(50, 24, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.5100, 6.6506, 13.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 24, 48) }
```

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

```
.background{ background-color: rgb(50, 24,  
48) }
```

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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