

Converting Colors

YUV(206.1580, -30.1509,
-36.0956)

Have a look what the booklet for
YUV(206.1580, -30.1509, -36.0956)
contains.

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Color

**YUV(206.1580, -30.1509,
-36.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EF91
RGB	165, 239, 145
RGB Percent	65%, 94%, 57%
CMY	0.3529, 0.0627, 0.4314
CMYK	0.31, 0.00, 0.39, 0.06
HSL	107°, 75%, 75%
HSV	107°, 39%, 94%
XYZ	51.4944, 71.7767, 37.9283
YIQ	206.1580, -13.9300, -44.9220

Conversions

Conversions Part 2

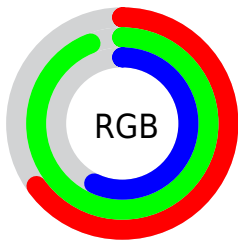
Format	Color
RYB	145, 239, 219
Decimal	10874769
CIELab	87.86, -40.07, 38.35
CIElCh	88, 55.461, 136.256
Yxy	71.7767, 0.3194, 0.4453
Android (android.graphics.Color)	4289064849 (0xFFA5EF91)
YUV	206.1580, -30.1509, -36.0956
Hunter-Lab	84.7211, -39.7678, 32.7616

Details

The YUV color **206.1580, -30.1509, -36.0956** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **177.8420, 30.1509, 36.0956**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8630, -19.1595, -14.7889**, and **150.9130, -28.5511, -35.8807** is the 20% darker color. If you saturate the color by 10%, you get **197.7410, -37.8333, -45.3769**, and if you desaturate by 10%, it is **214.5750, -22.4685, -26.8143**.

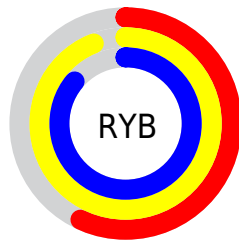
Distribution



Red (65%)

Green (94%)

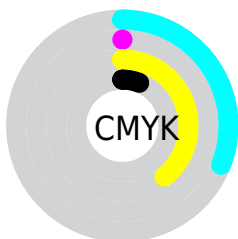
Blue (57%)



Red (57%)

Yellow (94%)

Blue (86%)

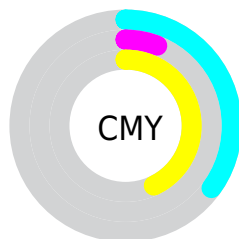


Cyan (31%)

Magenta (0%)

Yellow (39%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1580, -30.1509, -36.0956 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 206.1580, -30.1509, -36.0956 by changing the saturation by 10% instead.

■ 206.1580,
-30.1509, -36.0956

■ 206.1580,
-30.1509, -36.0956

255.0000, 0.0000,
0.0000

■ 177.7990,
-28.9879, -35.7807

■ 238.8630,
-19.1595, -14.7889

■ 150.9130,
-28.5511, -35.8807

■ 250.7260,
-11.2039, 0.2403

■ 123.5540,
-27.3881, -35.5659

■ 97.3690, -26.8039,
-36.2806

■ 69.9880, -25.6301,
-39.4545

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,

-28.3139

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 206.1580,
-30.1509, -36.0956

■ 206.1580,
-30.1509, -36.0956

■ 197.7410,
-37.8333, -45.3769

■ 214.5750,
-22.4685, -26.8143

■ 189.3240,
-45.5157, -54.6581

■ 222.9920,
-14.7861, -17.5330

■ 181.2060,
-53.3456, -63.3247

■ 231.1100, -6.9562,
-8.8665

■ 172.7890,
-61.0280, -72.6060

■ 239.5270, 0.7262,
0.4148

■ 164.3720,
-68.7104, -81.8872

■ 245.6080, 4.6303,
8.2368

■ 156.0690,
-75.9560, -91.2685

■ 155.5420,
-76.6822, -91.6833

Harmonies

Analogous

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



213.1610, -47.9004, 10.3828



206.1580, -30.1509, -36.0956



191.8190, 0.5822, -93.6803

Triad

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



206.1580, -30.1509, -36.0956



186.4720, 33.7843, -103.0229



202.7330, -4.7984, 45.8382

Complementary

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



206.1580, -30.1509, -36.0956



177.8420, 30.1509, 36.0956

Split Complementary

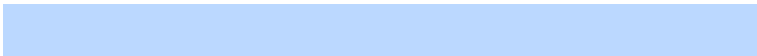
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.0630, 18.2099, 39.4097



206.1580, -30.1509, -36.0956



211.7750, 21.3099, -21.7277

Square

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



206.1580, -30.1509, -36.0956



172.2980, 40.7721, -151.1053



220.3670, 17.0741, 30.3731



204.4190, -28.8006, 44.3595

Rectangle

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



206.1580, -30.1509, -36.0956



171.7960, 28.6946, -150.6651



220.3670, 17.0741, 30.3731



204.1980, 3.3534, 44.5534

Sweetspot

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



206.1580, -30.1509, -36.0956



244.2900, -10.0030, -11.6553



216.5440, -35.2712, 19.6939



121.4630, -5.6513, -7.4221



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.



206.1580, -30.1509, -36.0956



213.2140, -38.5595, -45.7917



203.2560, -15.4092, -51.0905



115.6420, -3.7675, -4.9480



119.6690, -58.9968, -70.7467



36.4600, -17.9748, -21.4514

Inverse Universe

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



177.8420, 30.1509, 36.0956



176.7860, 38.5595, 45.7917



180.7440, 15.4092, 51.0905



112.0590, 3.9149, 4.3333



64.3310, 58.9968, 70.7467



19.5400, 17.9748, 21.4514

Previews

White Background



This preview shows how the YUV color 206.1580, -30.1509, -36.0956 looks on a white 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

Black Background



This preview shows how the YUV color 206.1580, -30.1509, -36.0956 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 ✓ Pass

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

YUV 206.1580, -30.1509, -36.0956 Background



This preview shows how black text looks on a background with the YUV color 206.1580, -30.1509, -36.0956.



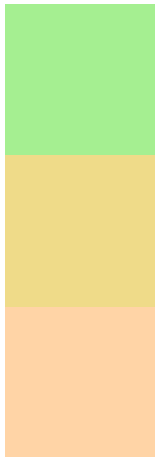
This preview shows how white text looks on a background with the YUV color 206.1580, -30.1509, -36.0956.

-36.0956.

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

206.1580, -30.1509, -36.0956

Protanopia

215.6320, -38.7656, 20.4937

Deuteranopia

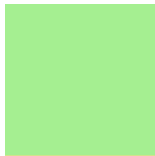
219.6130, -26.4312, 31.0344



Tritanopia

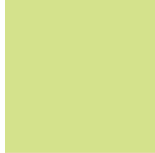
215.5970, 14.4957, -29.4646

Trichromacy



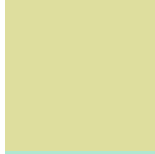
Original Color

206.1580, -30.1509, -36.0956



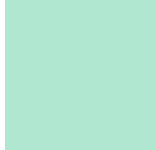
Protanomaly

212.0100, -35.5009, -0.0088



Deuteranomaly

214.7040, -27.9551, 6.3986



Tritanomaly

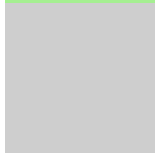
212.0470, -1.5022, -31.6132

Monochromacy



Original Color

206.1580, -30.1509, -36.0956



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.0510, -10.8711, -13.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1580, -30.1509, -36.0956 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, 239, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 239, 145)  
}
```

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, 239, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 239, 145) }
```

Border

The CSS property to change the border of an element to YUV 206.1580, -30.1509, -36.0956 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, 239, 145) }
```


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

```
.border{ border-color:rgb(165, 239, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 239, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 239, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 239, 145); box-shadow:4px 4px 4px 4px rgb(165, 239, 145) }
```

Background

The CSS property to change the background color of an element to YUV 206.1580, -30.1509, -36.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 239, 145) }
```

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

```
.background{ background-color: rgb(165,  
239, 145) }
```

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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