

Converting Colors

YUV(36.2830, 34.3705,
-10.7722)

Have a look what the booklet for
YUV(36.2830, 34.3705, -10.7722)
contains.

YUV(36.2830, 34.3705, -10.7722)	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(36.2830, 34.3705,
-10.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	181D6A
RGB	24, 29, 106
RGB Percent	9%, 11%, 42%
CMY	0.9059, 0.8863, 0.5843
CMYK	0.77, 0.73, 0.00, 0.58
HSL	236°, 63%, 25%
HSV	236°, 77%, 42%
XYZ	3.4176, 2.1135, 13.8635
YIQ	36.2830, -27.6970, 22.8870

Conversions

Conversions Part 2

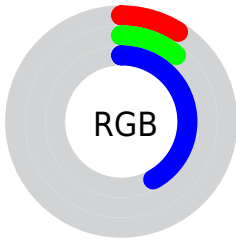
Format	Color
RYB	24, 29, 106
Decimal	1580394
CIELab	16.07, 26.79, -45.32
CIELCh	16, 52.645, 300.587
Yxy	2.1135, 0.1762, 0.1090
Android (android.graphics.Color)	4279770474 (0xFF181D6A)
YUV	36.2830, 34.3705, -10.7722
Hunter-Lab	14.5380, 16.5201, -46.3627

Details

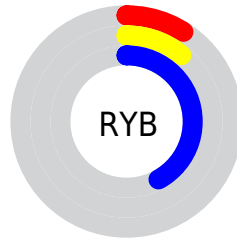
The YUV color **36.2830, 34.3705, -10.7722** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **93.7170, -34.3705, 10.7722**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.3810, 35.8012, -2.9651**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **27.1240, 38.8859, -12.3867**, and if you desaturate by 10%, it is **45.4420, 29.8551, -9.1576**.

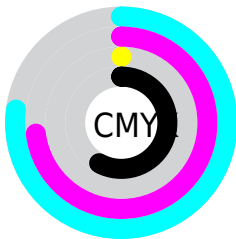
Distribution



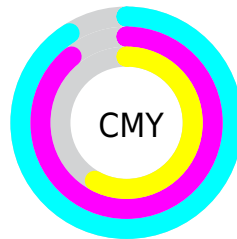
- Red (9%)
- Green (11%)
- Blue (42%)



- Red (9%)
- Yellow (11%)
- Blue (42%)



- Cyan (77%)
- Magenta (73%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.2830, 34.3705, -10.7722 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 36.2830, 34.3705, -10.7722 by changing the saturation by 10% instead.

■ 36.2830, 34.3705,
-10.7722

■ 36.2830, 34.3705,
-10.7722

■ 255.0000, 0.0000,
0.0000

■ 13.9300, 33.0655,
-12.2166

■ 85.3810, 35.8012,
-2.9651

■ 6.6120, 25.3343,
-5.7987

■ 110.7340, 37.1061,
-1.5207

■ 5.1640, 14.7091,
-4.5288

■ 136.6740, 38.1217,
-0.5911

■ 1.1400, 4.3680,
-0.9998

■ 163.5000, 38.7005,
0.4385

■ 0.0000, 0.0000,
0.0000

■ 188.6160, 32.7273,
2.9678

■ 213.7230, 20.3496,

6.3819

238.8300, 7.9718,
9.7961

36.2830, 34.3705,
-10.7722

36.2830, 34.3705,
-10.7722

27.1240, 38.8859,
-12.3867

45.4420, 29.8551,
-9.1576

18.2640, 43.2538,
-13.3865

54.3020, 25.4871,
-8.1579

15.6060, 44.5642,
-13.6865

63.4610, 20.9717,
-6.5433

72.3210, 16.6037,
-5.5435

81.4800, 12.0884,
-3.9290

■ 90.6390, 7.5730,
-2.3144

■ 99.4990, 3.2050,
-1.3146

■ 108.6580, -1.3104,
0.2999

■ 117.5180, -5.6784,
1.2997

Harmonies

Analogous

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



40.3400, 37.7934, -35.3782



36.2830, 34.3705, -10.7722



33.4100, 21.9829, 42.6134

Triad

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



36.2830, 34.3705, -10.7722



35.0620, -17.2856, 37.6566



36.2580, 1.8448, -31.7983

Complementary

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



36.2830, 34.3705, -10.7722



93.7170, -34.3705, 10.7722

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.



30.5240, -15.0483, -26.7695



36.2830, 34.3705, -10.7722



37.8430, -18.6566, 10.6617

Square

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



36.2830, 34.3705, -10.7722



29.0030, -14.2985, 59.6334



29.6710, -14.6278, -21.6365



40.5900, 18.4431, -35.5974

Rectangle

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



36.2830, 34.3705, -10.7722



35.0450, 8.8518, 54.3345



29.6710, -14.6278, -21.6365



34.0750, -3.9810, -29.8838

Sweetspot

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



36.2830, 34.3705, -10.7722



110.8220, 13.3988, -4.2289



80.9120, 9.9034, -49.9118



52.7530, 8.0098, -2.4144



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



36.2830, 34.3705, -10.7722



28.7010, 53.8844, -16.4008



44.1120, 30.5108, 13.9338



49.2710, 2.3314, -1.1147



17.4470, 49.0796, -15.3010



36.7350, 102.6746, -32.2166

Inverse Universe

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



49.0880, -9.9034, 49.9118



49.0700, -15.8105, 77.9916



85.8880, -30.5108, -13.9338



49.9080, -0.4476, 3.5887



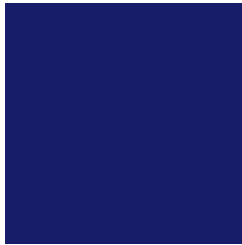
35.7810, -14.1890, 71.2291



74.9650, -29.5627, 149.1207

Previews

White Background



This preview shows how the YUV color 36.2830, 34.3705, -10.7722 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



This preview shows how the YUV color 36.2830, 34.3705, -10.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

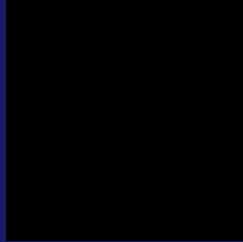
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.2830, 34.3705, -10.7722

Background



This preview shows how black text looks on a background with the YUV color 36.2830, 34.3705, -10.7722.



This preview shows how white text looks on a background with the YUV color 36.2830, 34.3705,

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

36.2830, 34.3705, -10.7722

Protanopia

32.3550, 24.9680, -28.3753

Deuteranopia

32.6340, 18.4214, -28.6200



Tritanopia

31.8870, 7.9437, -27.9649

Trichromacy



Original Color

36.2830, 34.3705, -10.7722

Protanomaly

33.6100, 28.2933, -21.5830

Deuteranomaly

33.8720, 24.2201, -21.8127

Tritanomaly

33.4500, 17.5262, -21.4426

Monochromacy



Original Color

36.2830, 34.3705, -10.7722

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.2830, 34.3705, -10.7722 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(24, 29, 106)` looks like.

```
.text, #text, p{  
    color:rgb(24, 29, 106)  
}
```

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(24, 29, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 29, 106) }
```

Border

The CSS property to change the border of an element to YUV 36.2830, 34.3705, -10.7722 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(24, 29, 106) }
```


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

```
.border{ border-color:rgb(24, 29, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 29, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 29, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 29, 106);  
box-shadow:4px 4px 4px 4px rgb(24, 29,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 36.2830, 34.3705, -10.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 29, 106) }
```

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

```
.background{ background-color: rgb(24, 29,  
106) }
```

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