

Converting Colors

YUV(36.9150, 86.3169,
-12.2035)

Have a look what the booklet for
YUV(36.9150, 86.3169, -12.2035)
contains.

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Color

**YUV(36.9150, 86.3169,
-12.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	170AD4
RGB	23, 10, 212
RGB Percent	9%, 4%, 83%
CMY	0.9098, 0.9608, 0.1686
CMYK	0.89, 0.95, 0.00, 0.17
HSL	244°, 91%, 44%
HSV	244°, 95%, 83%
XYZ	12.3456, 5.1527, 62.6312
YIQ	36.9150, -57.0940, 65.5780

Conversions

Conversions Part 2

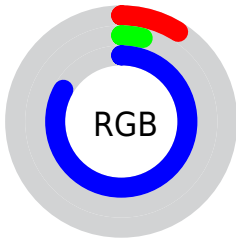
Format	Color
R_{YB}	23, 10, 212
Decimal	1510100
CIE _{Lab}	27.17, 67.16, -91.91
CIE _{LCh}	27, 113.831, 306.157
Yxy	5.1527, 0.1541, 0.0643
Android (android.graphics.Color)	4279700180 (0xFF170AD4)
YUV	36.9150, 86.3169, -12.2035
Hunter-Lab	22.6996, 57.3561, -147.6995

Details

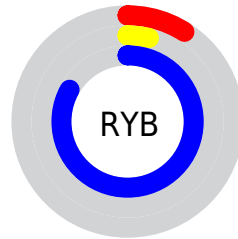
The YUV color **36.9150, 86.3169, -12.2035** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **185.0850, -86.3169, 12.2035**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9470, 74.4691, 7.9395**, and **17.6700, 67.7037, -15.4966** is the 20% darker color. If you saturate the color by 10%, you get **28.3540, 90.5375, -12.5885**, and if you desaturate by 10%, it is **55.2220, 77.2916, -10.7187**.

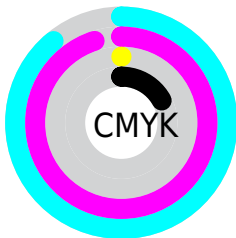
Distribution



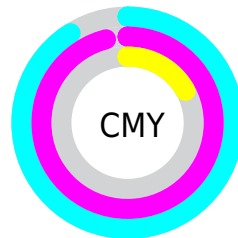
- Red (9%)
- Green (4%)
- Blue (83%)



- Red (9%)
- Yellow (4%)
- Blue (83%)



- Cyan (89%)
- Magenta (95%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (96%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9150, 86.3169, -12.2035 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 36.9150, 86.3169, -12.2035 by changing the saturation by 10% instead.

■ 36.9150, 86.3169,
-12.2035

■ 36.9150, 86.3169,
-12.2035

■ 255.0000, 0.0000,
0.0000

■ 20.8620, 79.9340,
-18.2960

■ 103.9470, 74.4691,
7.9395

■ 17.6700, 67.7037,
-15.4966

■ 129.3750, 61.9331,
15.4571

■ 14.5920, 55.9101,
-12.7972

■ 154.7920, 49.4025,
21.2304

■ 16.3240, 42.2383,
-14.3161

■ 180.2090, 36.8720,
27.0037

■ 14.6480, 30.7395,
-12.8463

■ 205.9140, 24.1994,
31.6474

■ 8.9770, 21.7033,
-7.8728


■ 226.2370, 14.1802,


■ 4.7080, 12.9620,


25.2252


-4.1289


 243.2600, 5.7878,
10.2960


 0.2280, 0.8736,
-0.2000


 0.0000, 0.0000,
0.0000


 36.9150, 86.3169,
-12.2035


 36.9150, 86.3169,
-12.2035

 28.3540, 90.5375,
-12.5885

 55.2220, 77.2916,
-10.7187

 73.5290, 68.2662,
-9.2339

 92.4230, 58.9515,
-8.2640

 110.4310, 50.0735,
-7.3940

■ 128.7380, 41.0482,
-5.9092

■ 147.0450, 32.0228,
-4.4245

■ 165.3520, 22.9975,
-2.9397

■ 184.2460, 13.6827,
-1.9697

■ 202.5530, 4.6574,
-0.4850

Harmonies

Analogous

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



74.0580, 85.7534, -64.9489



36.9150, 86.3169, -12.2035



66.4480, 34.7821, 90.8151

Triad

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



36.9150, 86.3169, -12.2035



47.3870, -23.3618, 73.3286



61.4770, 9.6248, -53.9153

Complementary

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



36.9150, 86.3169, -12.2035



185.0850, -86.3169, 12.2035

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.



50.4820, -24.8876, -44.2727



36.9150, 86.3169, -12.2035



58.7530, -28.9652, 3.7246

Square

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



36.9150, 86.3169, -12.2035



53.5210, -26.3859, 110.0451



48.1340, -23.7301, -42.2135



73.2700, 47.1949, -64.2578

Rectangle

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



36.9150, 86.3169, -12.2035



67.4250, 6.1995, 111.8833



48.1340, -23.7301, -42.2135



57.3560, -3.6265, -50.3012

Sweetspot

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



36.9150, 86.3169, -12.2035



190.9310, 31.5860, -4.3245



145.7320, 32.6701, -119.0370



89.0270, 19.2137, -2.6547



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.



36.9150, 86.3169, -12.2035



33.8540, 109.0250, -15.6580



66.2170, 71.8710, 48.0447



97.5530, 4.6574, -0.4850



22.7830, 73.0710, -10.3337



5.7990, 18.3401, -2.4547

Inverse Universe

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



91.9440, 52.7786, 105.2891



103.4910, 66.8059, 132.8734



155.7830, -71.8710, -48.0447



100.4290, 2.7465, 5.7628



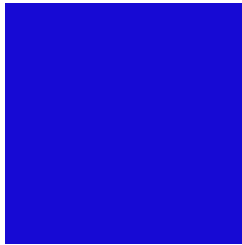
69.3690, 44.6811, 89.1304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 36.9150, 86.3169, -12.2035 looks on a white background.

Color Contrast Check

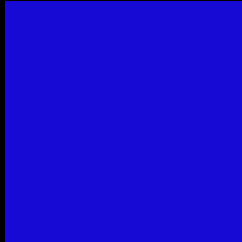
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9150, 86.3169, -12.2035 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 36.9150, 86.3169, -12.2035

Background



This preview shows how black text looks on a background with the YUV color 36.9150, 86.3169, -12.2035.



This preview shows how white text looks on a background with the YUV color 36.9150, 86.3169, -12.2035.

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

36.9150, 86.3169, -12.2035

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.0970, 29.5322, -45.6891



Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

36.9150, 86.3169, -12.2035

Protanomaly

46.5740, 56.4120, -33.8294

Deuteranomaly

46.2660, 50.1549, -33.5593

Tritanomaly

45.4050, 39.2403, -32.8042

Monochromacy



Original Color

36.9150, 86.3169, -12.2035

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9310, 31.5860, -4.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9150, 86.3169, -12.2035 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(23, 10, 212)` looks like.

```
.text, #text, p{  
    color:rgb(23, 10, 212)  
}
```

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(23, 10, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 10, 212) }
```

Border

The CSS property to change the border of an element to YUV 36.9150, 86.3169, -12.2035 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(23, 10, 212) }
```


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

```
.border{ border-color:rgb(23, 10, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 10, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 10, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 10, 212);  
box-shadow:4px 4px 4px 4px rgb(23, 10,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 36.9150, 86.3169, -12.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 10, 212) }
```

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

```
.background{ background-color: rgb(23, 10,  
212) }
```

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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