

Converting Colors

YUV(36.8600, -7.8190, -12.1552)

Have a look what the booklet for
YUV(36.8600, -7.8190, -12.1552)
contains.

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Color

**YUV(36.8600, -7.8190,
-12.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	172F15
RGB	23, 47, 21
RGB Percent	9%, 18%, 8%
CMY	0.9098, 0.8157, 0.9176
CMYK	0.51, 0.00, 0.55, 0.82
HSL	115°, 38%, 13%
HSV	115°, 55%, 18%
XYZ	1.5052, 2.2693, 1.0682
YIQ	36.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

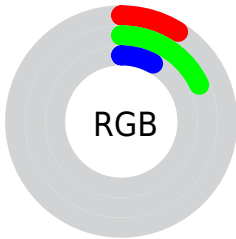
Format	Color
R_{YB}	21, 47, 45
Decimal	1519381
CIE _{Lab}	16.84, -16.00, 13.81
CIE _{LCh}	17, 21.133, 139.198
Yxy	2.2693, 0.3108, 0.4686
Android (android.graphics.Color)	4279709461 (0xFF172F15)
YUV	36.8600, -7.8190, -12.1552
Hunter-Lab	15.0643, -8.5268, 6.3410

Details

The YUV color **36.8600, -7.8190, -12.1552** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.1400, 7.8190, 12.1552**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2190, -8.9820, -12.4701**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.0940, -9.4133, -14.1144**, and if you desaturate by 10%, it is **38.6260, -6.2246, -10.1960**.

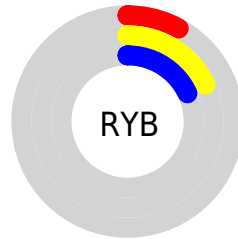
Distribution



Red (9%)

Green (18%)

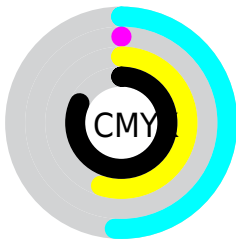
Blue (8%)



Red (8%)

Yellow (18%)

Blue (18%)

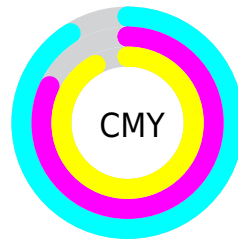


Cyan (51%)

Magenta (0%)

Yellow (55%)

Black (82%)



Cyan (91%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8600, -7.8190, -12.1552 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 36.8600, -7.8190, -12.1552 by changing the saturation by 10% instead.

■ 36.8600, -7.8190,
-12.1552

■ 36.8600, -7.8190,
-12.1552

■ 253.4900, -3.1996,
-0.4297

■ 15.8490, -7.8136,
-13.8996

■ 82.2190, -8.9820,
-12.4701

■ 0.0000, 0.0000,
0.0000

■ 106.6920, -9.7082,
-12.8849


■ 132.2790, -9.9975,
-13.3997


■ 157.8660,
-10.2869, -13.9145


■ 185.4530,
-10.5763, -14.4293


■ 213.0400,


-10.8657, -14.9441


 241.0400,
-10.8657, -14.9441


 36.8600, -7.8190,
-12.1552


 36.8600, -7.8190,
-12.1552


 35.0940, -9.4133,
-14.1144


 38.6260, -6.2246,
-10.1960


 33.1430, -10.4235,
-16.7884


 40.5770, -5.2145,
-7.5220


 31.3770, -12.0179,
-18.7476

 42.3430, -3.6201,
-5.5628

 29.6110, -13.6122,
-20.7068

 44.1090, -2.0257,
-3.6036

 28.7850, -14.1910,
-21.7364

 46.1740, -0.5788,
-1.0296

■ 47.8260, 0.5788,
1.0296

■ 49.5920, 2.1731,
2.9888

■ 51.6570, 3.6201,
5.5628

■ 53.3090, 4.7777,
7.6220

Harmonies

Analogous

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



39.2270, -14.4089, 1.5549



36.8600, -7.8190, -12.1552



32.7530, 1.1078, -28.7244

Triad

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



36.8600, -7.8190, -12.1552



34.5090, 17.9901, -30.2644



41.6010, -4.7333, 24.9059

Complementary

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



36.8600, -7.8190, -12.1552



31.1400, 7.8190, 12.1552

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.



42.5280, 2.6977, 21.4619



36.8600, -7.8190, -12.1552



41.3270, 14.1358, -7.3028

Square

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



36.8600, -7.8190, -12.1552



35.4720, 14.0643, -31.1089



43.3570, 8.6980, 10.2109



40.9720, -10.8322, 21.0726

Rectangle

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



36.8600, -7.8190, -12.1552



34.0070, 5.9125, -29.8241



43.3570, 8.6980, 10.2109



41.5840, -2.2599, 24.9208

Sweetspot

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



36.8600, -7.8190, -12.1552



57.1690, -3.0413, -4.5332



42.8620, -10.7780, 3.6290



28.4080, -2.1731, -2.9888



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



36.8600, -7.8190, -12.1552



45.3770, -12.0179, -18.7476



37.5160, -2.7194, -14.4845



22.1740, -0.5788, -1.0296



53.1620, -26.2089, -40.4841



130.4020, -64.2882, -100.3306

Inverse Universe

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



31.1400, 7.8190, 12.1552



36.6230, 12.0179, 18.7476



30.4840, 2.7194, 14.4845



21.8260, 0.5788, 1.0296



33.8380, 26.2089, 40.4841



83.5980, 64.2882, 100.3306

Previews

White Background



This preview shows how the YUV color 36.8600, -7.8190, -12.1552 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 36.8600, -7.8190, -12.1552

Background



This preview shows how black text looks on a background with the YUV color 36.8600, -7.8190, -12.1552.



This preview shows how white text looks on a background with the YUV color 36.8600, -7.8190,

-12.1552.

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

36.8600, -7.8190, -12.1552

Protanopia

40.5740, -10.6360, 4.7586

Deuteranopia

41.3510, -9.0470, 8.4622



Tritanopia

39.9710, 3.9583, -9.6216

Trichromacy



Original Color

36.8600, -7.8190, -12.1552

Protanomaly

39.4700, -9.5987, -1.2892

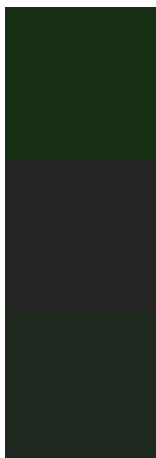
Deuteranomaly

40.0080, -8.8779, 0.8700

Tritanomaly

38.8200, -0.4043, -10.3661

Monochromacy



Original Color

36.8600, -7.8190, -12.1552

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1690, -3.0413, -4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8600, -7.8190, -12.1552 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, 47, 21)` looks like.

```
.text, #text, p{  
    color:rgb(23, 47, 21)  
}
```

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, 47, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 47, 21) }
```

Border

The CSS property to change the border of an element to YUV 36.8600, -7.8190, -12.1552 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, 47, 21) }
```


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

```
.border{ border-color:rgb(23, 47, 21) }
```

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

Here you see how a box with a 4 pixel rgb(23, 47, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 47, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 47, 21);  
box-shadow:4px 4px 4px 4px rgb(23, 47, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8600, -7.8190, -12.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 47, 21) }
```

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

```
.background{ background-color: rgb(23, 47,  
21) }
```

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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