

Converting Colors

YUV(36.8230, -18.1537,
36.1122)

Have a look what the booklet for
YUV(36.8230, -18.1537, 36.1122)
contains.

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Color

**YUV(36.8230, -18.1537,
36.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1700
RGB	78, 23, 0
RGB Percent	31%, 9%, 0%
CMY	0.6941, 0.9098, 1.0000
CMYK	0.00, 0.71, 1.00, 0.69
HSL	18°, 100%, 15%
HSV	18°, 100%, 31%
XYZ	3.4483, 2.2325, 0.2492
YIQ	36.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

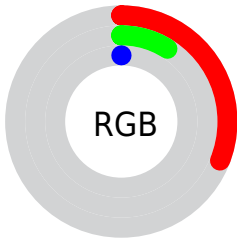
Format	Color
RYB	78, 33, 0
Decimal	5117696
CIELab	16.66, 24.73, 25.17
CIELCh	17, 35.286, 45.494
Yxy	2.2325, 0.5815, 0.3765
Android (android.graphics.Color)	4283307776 (0xFF4E1700)
YUV	36.8230, -18.1537, 36.1122
Hunter-Lab	14.9415, 15.0474, 9.4703

Details

The YUV color **36.8230, -18.1537, 36.1122** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **41.1770, 18.1537, -36.1122**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.3290, -18.8962, 40.9305**, and **6.5780, -3.2430, 13.5251** is the 20% darker color. If you saturate the color by 10%, you get **36.8230, -18.1537, 36.1122**, and if you desaturate by 10%, it is **40.6700, -16.1063, 32.7384**.

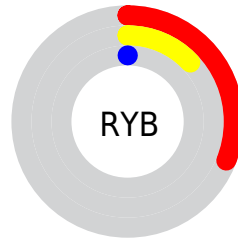
Distribution



Red (31%)

Green (9%)

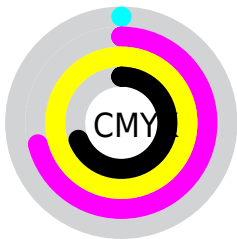
Blue (0%)



Red (31%)

Yellow (13%)

Blue (0%)

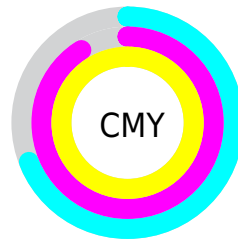


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (69%)



Cyan (69%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.8230, -18.1537, 36.1122 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 36.8230, -18.1537, 36.1122 by changing the saturation by 10% instead.


 36.8230, -18.1537,
36.1122


 36.8230, -18.1537,
36.1122

 251.6940,
-12.6671, 2.8994

 16.1350, -7.9546,
31.4536

 85.3290, -18.8962,
40.9305

 6.5780, -3.2430,
13.5251

 110.4110,
-19.9226, 43.4896

 0.0000, 0.0000,
0.0000


 136.0800,
-21.2384, 45.5338


 162.8630,
-22.1175, 47.4781


 190.6460,
-22.9965, 49.4225


 212.5520,


-20.4851, 37.2269


 232.0660,
-16.7945, 20.1131


 36.8230, -18.1537,
36.1122

 40.6700, -16.1063,
32.7384

 45.1040, -14.3483,
28.8498

 49.4240, -13.0270,
25.0612

 53.2710, -10.9796,
21.6873

 57.7050, -9.2216,
17.7987

■ 61.5520, -7.1741,
14.4249

■ 65.9860, -5.4161,
10.5363

■ 69.7190, -3.8055,
7.2624

■ 74.1530, -2.0474,
3.3738

Harmonies

Analogous

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



34.5910, -2.7564, 44.2087



36.8230, -18.1537, 36.1122



39.0830, -19.2679, 20.0982

Triad

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



36.8230, -18.1537, 36.1122



33.1290, -2.5286, -29.0541



33.7400, 27.7362, -29.5900

Complementary

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



36.8230, -18.1537, 36.1122



41.1770, 18.1537, -36.1122

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.



38.4360, 25.4211, -33.7084



36.8230, -18.1537, 36.1122



36.6800, 8.5388, -32.1684

Square

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



36.8230, -18.1537, 36.1122



31.1550, -15.3594, -20.3069



38.7150, 18.8745, -33.9531



41.9690, 17.2703, 14.0592

Rectangle

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



36.8230, -18.1537, 36.1122



39.0060, -19.2300, 7.8877



38.7150, 18.8745, -33.9531



35.7290, 27.7416, -31.3343

Sweetspot

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



36.8230, -18.1537, 36.1122



85.5520, -7.1741, 14.4249



29.7060, 12.9629, 42.3538



41.3170, -4.1003, 8.4920



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



36.8230, -18.1537, 36.1122



48.1080, -23.7172, 47.2633



59.1290, -29.1506, 16.5499



36.3700, -1.1684, 1.4295



108.6860, -53.5822, 106.3924

Inverse Universe

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



41.1770, 18.1537, -36.1122



53.8920, 23.7172, -47.2633



18.8710, 29.1506, -16.5499



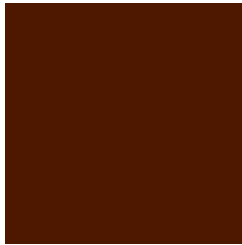
36.2170, 0.8790, -1.9443



121.3140, 53.5822, -106.3924

Previews

White Background



This preview shows how the YUV color 36.8230, -18.1537, 36.1122 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

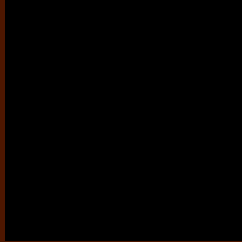
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8230, -18.1537, 36.1122

Background



This preview shows how black text looks on a background with the YUV color 36.8230, -18.1537, 36.1122.

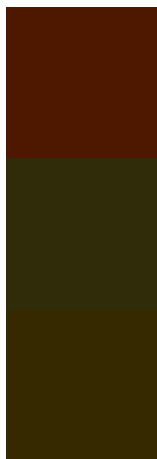


This preview shows how white text looks on a background with the YUV color 36.8230, -18.1537,

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

36.8230, -18.1537, 36.1122

Protanopia

40.6190, -15.5882, 6.4731

Deuteranopia

40.2130, -19.8250, 12.0912



Tritanopia

38.1570, -7.9654, 34.9423

Trichromacy



Original Color

36.8230, -18.1537, 36.1122

Protanomaly

39.4570, -16.4943, 17.1392

Deuteranomaly

38.7950, -19.1259, 21.2278

Tritanomaly

37.8320, -11.7492, 35.2273

Monochromacy



Original Color

36.8230, -18.1537, 36.1122

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0680, -6.4425, 13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8230, -18.1537, 36.1122 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(78, 23, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 23, 0)  
}
```

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(78, 23, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 23, 0) }
```

Border

The CSS property to change the border of an element to YUV 36.8230, -18.1537, 36.1122 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(78, 23, 0) }
```

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

```
.border{ border-color:rgb(78, 23, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 23, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 23, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 23, 0); box-shadow:4px  
4px 4px 4px rgb(78, 23, 0) }
```

Background

The CSS property to change the background color of an element to YUV 36.8230, -18.1537, 36.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 23, 0) }
```

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

```
.background{ background-color: rgb(78, 23,  
0) }
```

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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