

Converting Colors

YUV(36.6100, -15.0907,
33.6680)

Have a look what the booklet for
YUV(36.6100, -15.0907, 33.6680)
contains.

YUV(36.6100, -15.0907, 33.6680)	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(36.6100, -15.0907,
33.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1706
RGB	75, 23, 6
RGB Percent	29%, 9%, 2%
CMY	0.7059, 0.9098, 0.9765
CMYK	0.00, 0.69, 0.92, 0.71
HSL	15°, 85%, 16%
HSV	15°, 92%, 29%
XYZ	3.2409, 2.1218, 0.4110
YIQ	36.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

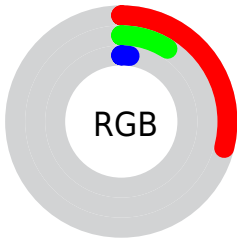
Format	Color
RYB	75, 29, 6
Decimal	4921094
CIELab	16.11, 23.71, 21.90
CIElCh	16, 32.282, 42.727
Yxy	2.1218, 0.5613, 0.3675
Android (android.graphics.Color)	4283111174 (0xFF4B1706)
YUV	36.6100, -15.0907, 33.6680
Hunter-Lab	14.5664, 14.2238, 8.5235

Details

The YUV color **36.6100, -15.0907, 33.6680** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **44.3900, 15.0907, -33.6680**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5890, -16.5594, 38.0714**, and **5.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **32.9910, -16.2646, 36.8419**, and if you desaturate by 10%, it is **40.9300, -13.7695, 29.8794**.

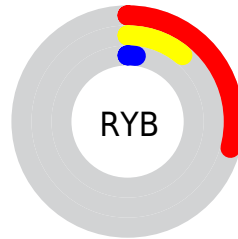
Distribution



Red (29%)

Green (9%)

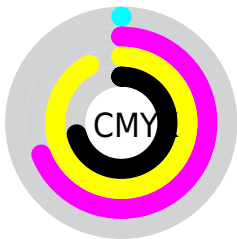
Blue (2%)



Red (29%)

Yellow (11%)

Blue (2%)

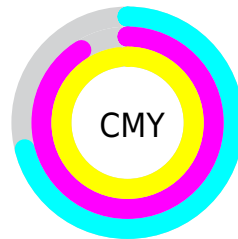


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (71%)



Cyan (71%)


Magenta (91%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.6100, -15.0907, 33.6680 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 36.6100, -15.0907, 33.6680 by changing the saturation by 10% instead.


 36.6100, -15.0907,
33.6680

 36.6100, -15.0907,
33.6680

 252.2640,
-10.4832, 2.3995

 15.2380, -7.5123,
29.6093


 84.5890, -16.5594,
38.0714


 5.0830, -2.5059,
10.4512

 109.6710,
-17.5858, 40.6305

 0.0000, 0.0000,
0.0000


 135.4540,
-18.4648, 42.5748


 162.2370,
-19.3438, 44.5192


 189.7210,
-20.0755, 45.8487


 212.4210,


-18.4486, 37.3418


 232.0490,
-14.3212, 20.1280


 36.6100, -15.0907,
33.6680


 36.6100, -15.0907,
33.6680


 32.9910, -16.2646,
36.8419

 40.9300, -13.7695,
29.8794

 44.7770, -11.7221,
26.5056

 49.0970, -10.4008,
22.7169

 53.5310, -8.6428,
18.8283

 57.2640, -7.0322,
15.5545

■ 61.6980, -5.2741,
11.6659

■ 66.0180, -3.9529,
7.8772

■ 69.8650, -1.9054,
4.5034

■ 74.2990, -0.1474,
0.6148

Harmonies

Analogous

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



35.6720, -2.3033, 38.8757



36.6100, -15.0907, 33.6680



38.1970, -18.8311, 19.9982

Triad

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



36.6100, -15.0907, 33.6680



31.6130, -3.2602, -27.7246



33.1700, 25.5522, -29.0901

Complementary

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



36.6100, -15.0907, 33.6680



44.3900, 15.0907, -33.6680

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.



36.5780, 23.3790, -32.0789



36.6100, -15.0907, 33.6680



34.9360, 6.9336, -30.6389

Square

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



36.6100, -15.0907, 33.6680



32.0740, -15.8125, -14.9739



36.8570, 16.8325, -32.3236



41.3060, 16.1181, 10.2556

Rectangle

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



36.6100, -15.0907, 33.6680



38.1310, -18.7986, 9.5321



36.8570, 16.8325, -32.3236



34.4580, 25.4102, -30.2197

Sweetspot

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



36.6100, -15.0907, 33.6680



81.5950, -5.7163, 13.5102



32.6730, 12.9792, 37.1208



39.1320, -3.5161, 7.7772



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



36.6100, -15.0907, 33.6680



43.0910, -21.2439, 47.2782



56.5680, -24.9300, 16.1649



35.7830, -0.8790, 1.9443



45.1730, -22.2703, 49.8373



102.2290, -50.3989, 112.0552

Inverse Universe

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



44.3900, 15.0907, -33.6680



53.9090, 21.2439, -47.2782



24.4320, 24.9300, -16.1649



36.2170, 0.8790, -1.9443



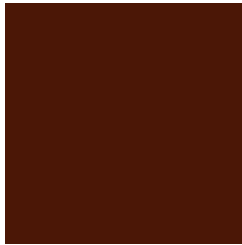
56.8270, 22.2703, -49.8373



127.7710, 50.3989, -112.0552

Previews

White Background



This preview shows how the YUV color 36.6100, -15.0907, 33.6680 looks on a white background.

Color Contrast Check

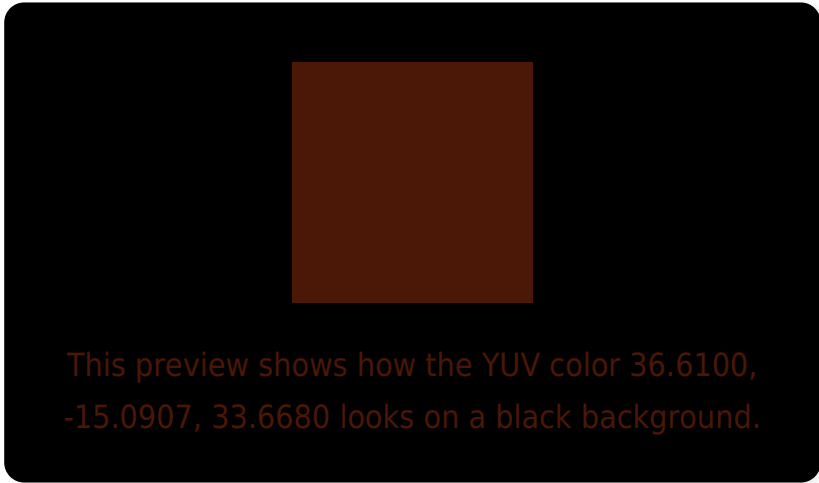
Large Text (above 18pt) WCAG AA ✓ Pass

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

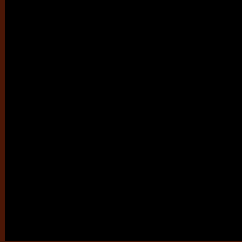
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.6100, -15.0907, 33.6680

Background



This preview shows how black text looks on a background with the YUV color 36.6100, -15.0907, 33.6680.

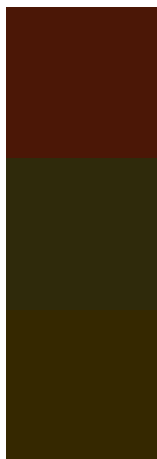


This preview shows how white text looks on a background with the YUV color 36.6100, -15.0907,

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

36.6100, -15.0907, 33.6680

Protanopia

39.9610, -14.2778, 6.1732

Deuteranopia

39.3270, -19.3882, 11.9912



Tritanopia

37.8470, -7.8126, 32.5832

Trichromacy



Original Color

36.6100, -15.0907, 33.6680

Protanomaly

38.6140, -14.5997, 16.1245

Deuteranomaly

38.4250, -17.9575, 19.7983

Tritanomaly

37.1630, -10.4334, 33.1830

Monochromacy



Original Color

36.6100, -15.0907, 33.6680

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9970, -5.4215, 12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6100, -15.0907, 33.6680 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(75, 23, 6)` looks like.

```
.text, #text, p{  
    color:rgb(75, 23, 6)  
}
```

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(75, 23, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 23, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.6100, -15.0907, 33.6680 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(75, 23, 6) }
```


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

```
.border{ border-color:rgb(75, 23, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 23, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 23, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 23, 6); box-shadow:4px  
4px 4px 4px rgb(75, 23, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.6100, -15.0907, 33.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 23, 6) }
```

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

```
.background{ background-color: rgb(75, 23,  
6) }
```

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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