

Converting Colors

YUV(66.1030, -32.5888,
92.8717)

Have a look what the booklet for
YUV(66.1030, -32.5888, 92.8717)
contains.

YUV(66.1030, -32.5888, 92.8717)	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>	30

Color

**YUV(66.1030, -32.5888,
92.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	AC1900
RGB	172, 25, 0
RGB Percent	67%, 10%, 0%
CMY	0.3255, 0.9020, 1.0000
CMYK	0.00, 0.85, 1.00, 0.33
HSL	9°, 100%, 34%
HSV	9°, 100%, 67%
XYZ	17.3609, 9.4659, 0.9121
YIQ	66.1030, 95.6370, 23.3890

Conversions

Conversions Part 2

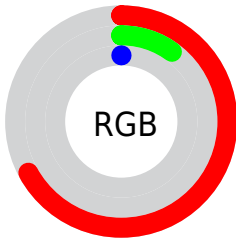
Format	Color
R _Y B	172, 29, 0
Decimal	11278592
CIE Lab	36.87, 55.82, 50.52
CIE LCh	37, 75.285, 42.145
Yxy	9.4659, 0.6259, 0.3413
Android (android.graphics.Color)	4289468672 (0xFFAC1900)
YUV	66.1030, -32.5888, 92.8717
Hunter-Lab	30.7667, 46.8813, 19.7791

Details

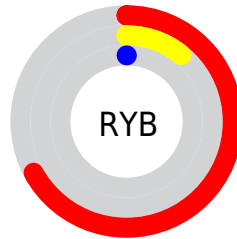
The YUV color **66.1030, -32.5888, 92.8717** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **105.8970, 32.5888, -92.8717**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3330, -38.1252, 95.3010**, and **32.8900, -16.2148, 67.6255** is the 20% darker color. If you saturate the color by 10%, you get **66.1030, -32.5888, 92.8717**, and if you desaturate by 10%, it is **76.8460, -29.5041, 83.4501**.

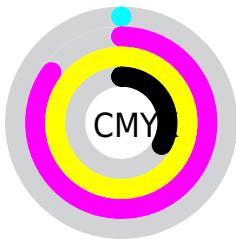
Distribution



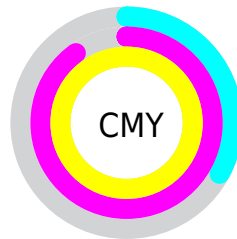
- Red (67%)
- Green (10%)
- Blue (0%)



- Red (67%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (100%)
- Black (33%)





- Cyan (33%)
- Magenta (90%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 66.1030, -32.5888, 92.8717 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 66.1030, -32.5888, 92.8717 by changing the saturation by 10% instead.


 66.1030, -32.5888,
92.8717


 66.1030, -32.5888,
92.8717


 252.7200, -8.7360,
1.9996

 42.1590, -20.7844,
86.6836


 127.3330,
-38.1252, 95.3010


 32.8900, -16.2148,
67.6255


 151.5990,
-38.2563, 90.6827


 23.6210, -11.6452,
48.5674

 170.8850,
-35.4393, 73.7689

 15.7760, -6.7916,
31.7684

 190.2850,
-32.1855, 56.7551


 0.0000, 0.0000,
0.0000


 210.2720,
-29.2211, 39.2265


 230.3730,


-25.8199, 21.5979

 249.4140,
-21.4031, 4.8989


 66.1030, -32.5888,
92.8717

 76.8460, -29.5041,
83.4501

 87.0020, -26.1300,
74.5432

 97.8590, -22.6085,
65.0217

 108.6020,
-19.5238, 55.6000

 119.3450,
-16.4391, 46.1784

■ 129.5010,
-13.0650, 37.2716

■ 140.2440, -9.9803,
27.8500

■ 151.1010, -6.4588,
18.3284

■ 161.2570, -3.0847,
9.4216

Harmonies

Analogous

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



63.7360, 1.1162, 108.9795



66.1030, -32.5888, 92.8717



81.4550, -40.1573, 46.9590

Triad

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



66.1030, -32.5888, 92.8717



68.6400, -11.1615, -60.1973



74.7810, 65.6770, -65.5829

Complementary

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



66.1030, -32.5888, 92.8717



105.8970, 32.5888, -92.8717

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.



84.3040, 59.0101, -73.9346



66.1030, -32.5888, 92.8717



77.2240, 16.6516, -67.7254

Square

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



66.1030, -32.5888, 92.8717



60.4610, -29.8073, -53.0243



83.7220, 41.5491, -73.4242



86.3750, 45.1711, 25.1041

Rectangle

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



66.1030, -32.5888, 92.8717



81.2790, -40.0705, 19.0493



83.7220, 41.5491, -73.4242



79.2320, 64.9616, -69.4865

Sweetspot

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



66.1030, -32.5888, 92.8717



182.9030, -12.7702, 36.0421



68.4140, 39.7289, 90.8449



87.4820, -7.6326, 21.5023



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



66.1030, -32.5888, 92.8717



86.3470, -42.5691, 120.7217



115.4110, -56.8976, 49.6286



81.2780, -1.6161, 5.0182



57.7640, -28.4777, 80.8910



8.6380, -4.2585, 12.5955

Inverse Universe

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



105.8970, 32.5888, -92.8717



138.2400, 42.2797, -121.2365



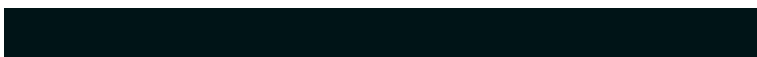
56.5890, 56.8976, -49.6286



83.1350, 1.9054, -4.5034



92.8230, 28.1883, -81.4058



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 66.1030, -32.5888, 92.8717 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 66.1030, -32.5888, 92.8717

Background



This preview shows how black text looks on a background with the YUV color 66.1030, -32.5888, 92.8717.



This preview shows how white text looks on a background with the YUV color 66.1030, -32.5888,

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



Protanopia

84.5370, -31.3237, 13.5611

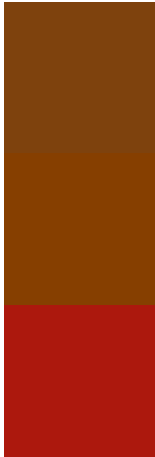
Deuteranopia

82.7960, -40.8184, 25.6119

Tritanopia

67.9100, -23.1266, 91.2869

Trichromacy



Protanomaly

77.8980, -31.9947, 42.1855

Deuteranomaly

77.0470, -37.9842, 49.9478

Tritanomaly

66.9980, -26.6210, 92.0868

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1200, -11.8912, 34.0978

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.1030, -32.5888, 92.8717 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(172, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 25, 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(172, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 25, 0) }
```

Border

The CSS property to change the border of an element to YUV 66.1030, -32.5888, 92.8717 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(172, 25, 0) }
```

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

```
.border{ border-color:rgb(172, 25, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 25, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 25, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 25, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 25, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 66.1030, -32.5888, 92.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 25, 0) }
```

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

```
.background{ background-color: rgb(172, 25,  
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](#).

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