

Converting Colors

YUV(65.4500, -32.2668,
82.9204)

Have a look what the booklet for
YUV(65.4500, -32.2668, 82.9204)
contains.

YUV(65.4500, -32.2668, 82.9204)	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(65.4500, -32.2668,
82.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	A01E00
RGB	160, 30, 0
RGB Percent	63%, 12%, 0%
CMY	0.3725, 0.8824, 1.0000
CMYK	0.00, 0.81, 1.00, 0.37
HSL	11°, 100%, 31%
HSV	11°, 100%, 63%
XYZ	14.9615, 8.4021, 0.8332
YIQ	65.4500, 87.1100, 18.2300

Conversions

Conversions Part 2

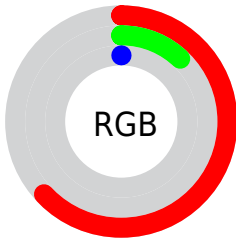
Format	Color
R_{YB}	160, 37, 0
Decimal	10493440
CIE Lab	34.81, 50.98, 48.09
CIE LCh	35, 70.082, 43.334
Yxy	8.4021, 0.6183, 0.3472
Android (android.graphics.Color)	4288683520 (0xFFA01E00)
YUV	65.4500, -32.2668, 82.9204
Hunter-Lab	28.9864, 41.4073, 18.5862

Details

The YUV color **65.4500, -32.2668, 82.9204** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **94.5500, 32.2668, -82.9204**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3320, -36.6457, 87.4088**, and **29.6010, -14.5933, 60.8629** is the 20% darker color. If you saturate the color by 10%, you get **65.4500, -32.2668, 82.9204**, and if you desaturate by 10%, it is **74.9050, -29.0402, 74.6283**.

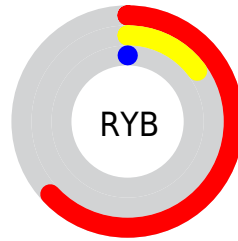
Distribution



Red (63%)

Green (12%)

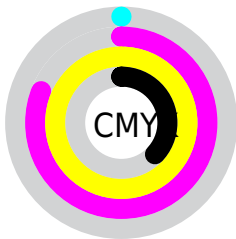
Blue (0%)



Red (63%)

Yellow (15%)

Blue (0%)

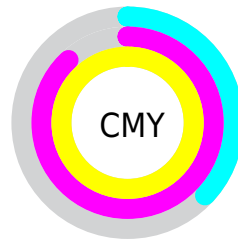


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (88%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.4500, -32.2668, 82.9204 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 65.4500, -32.2668, 82.9204 by changing the saturation by 10% instead.


 65.4500, -32.2668,
82.9204


 65.4500, -32.2668,
82.9204


 252.4920, -9.6096,
2.1995


 38.5710, -19.0155,
79.3062


 123.3320,
-36.6457, 87.4088

 29.6010, -14.5933,
60.8629

 151.4850,
-38.6931, 90.7827


 20.9300, -10.3185,
43.0344

 170.7710,
-35.8761, 73.8688

 12.3730, -5.6069,
25.1059

 189.5840,
-32.3329, 57.3698

 0.0000, 0.0000,
0.0000


 209.5710,
-29.3685, 39.8412


 229.6720,


-25.9673, 22.2127


 249.3000,
-21.8399, 4.9989


 65.4500, -32.2668,
82.9204

 74.9050, -29.0402,
74.6283

 84.3600, -25.8135,
66.3363

 93.8150, -22.5868,
58.0442

 103.2700,
-19.3601, 49.7522

 112.7250,
-16.1334, 41.4602

■ 122.1800,
-12.9067, 33.1681

■ 131.6350, -9.6801,
24.8761

■ 141.0900, -6.4534,
16.5841

■ 150.5450, -3.2267,
8.2920

Harmonies

Analogous

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



59.1650, 0.4117, 101.5873



65.4500, -32.2668, 82.9204



77.0030, -37.9625, 42.9704

Triad

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



65.4500, -32.2668, 82.9204



65.2320, -8.9884, -57.2085



69.5490, 60.8613, -60.9945

Complementary

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



65.4500, -32.2668, 82.9204



94.5500, 32.2668, -82.9204

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.



78.7130, 55.3575, -69.0313



65.4500, -32.2668, 82.9204



73.1320, 16.2039, -64.1368

Square

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



65.4500, -32.2668, 82.9204



57.5260, -28.3603, -50.4503



78.4730, 39.2068, -68.8208



81.2350, 40.8031, 26.1039

Rectangle

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



65.4500, -32.2668, 82.9204



76.5390, -37.7337, 16.1903



78.4730, 39.2068, -68.8208



74.0000, 60.1460, -64.8980

Sweetspot

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



65.4500, -32.2668, 82.9204



171.8810, -12.7593, 32.5534



62.7740, 33.6354, 85.2672



82.4710, -7.6272, 19.7579



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



65.4500, -32.2668, 82.9204



85.3840, -42.0943, 108.4112



111.8230, -55.1287, 42.2512



74.5660, -1.7580, 3.8886



58.6060, -28.8928, 74.0135



6.2460, -3.0793, 7.6773

Inverse Universe

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



94.5500, 32.2668, -82.9204



123.6160, 42.0943, -108.4112



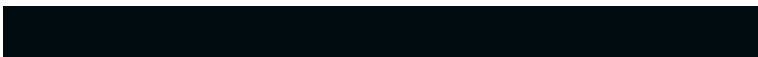
48.1770, 55.1287, -42.2512



76.0210, 1.4686, -4.4034



84.3940, 28.8928, -74.0135



8.7540, 3.0793, -7.6773

Previews

White Background



This preview shows how the YUV color 65.4500, -32.2668, 82.9204 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

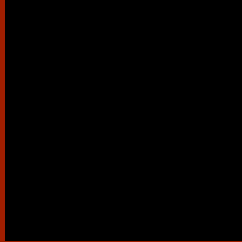
Any Text WCAG AA × Fail

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 65.4500, -32.2668, 82.9204 Background



This preview shows how black text looks on a background with the YUV color 65.4500, -32.2668, 82.9204.



This preview shows how white text looks on a background with the YUV color 65.4500, -32.2668,

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

65.4500, -32.2668, 82.9204

Protanopia

79.5800, -29.8659, 12.6463

Deuteranopia

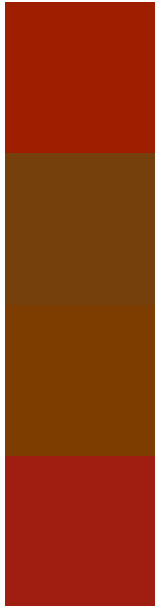
77.7680, -38.3396, 23.8825



Tritanopia

67.3540, -19.8945, 81.2505

Trichromacy



Original Color

65.4500, -32.2668, 82.9204

Protanomaly

74.2180, -30.6735, 38.3968

Deuteranomaly

73.1820, -36.0787, 45.4444

Tritanomaly

66.8010, -24.5519, 81.7355

Monochromacy



Original Color

65.4500, -32.2668, 82.9204

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0980, -11.8803, 30.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4500, -32.2668, 82.9204 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(160, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 30, 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(160, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 30, 0) }
```

Border

The CSS property to change the border of an element to YUV 65.4500, -32.2668, 82.9204 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(160, 30, 0) }
```


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

```
.border{ border-color:rgb(160, 30, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 30, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 30, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4500, -32.2668, 82.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 30, 0) }
```

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

```
.background{ background-color: rgb(160, 30,  
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