

Converting Colors

YUV(65.9270, -32.5020,
64.9620)

Have a look what the booklet for
YUV(65.9270, -32.5020, 64.9620)
contains.

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Color

**YUV(65.9270, -32.5020,
64.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2900
RGB	140, 41, 0
RGB Percent	55%, 16%, 0%
CMY	0.4510, 0.8392, 1.0000
CMYK	0.00, 0.71, 1.00, 0.45
HSL	18°, 100%, 27%
HSV	18°, 100%, 55%
XYZ	11.6082, 7.1613, 0.7705
YIQ	65.9270, 72.1650, 8.2370

Conversions

Conversions Part 2

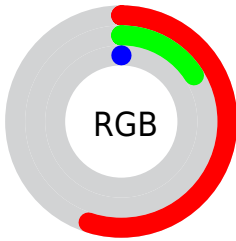
Format	Color
R_{YB}	140, 58, 0
Decimal	9185536
CIE Lab	32.17, 40.44, 44.45
CIE LCh	32, 60.090, 47.705
Yxy	7.1613, 0.5941, 0.3665
Android (android.graphics.Color)	4287375616 (0xFF8C2900)
YUV	65.9270, -32.5020, 64.9620
Hunter-Lab	26.7607, 30.5981, 17.0255

Details

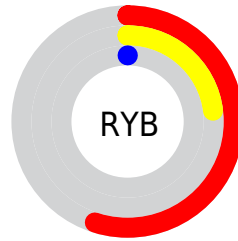
The YUV color **65.9270, -32.5020, 64.9620** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **74.0730, 32.5020, -64.9620**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6890, -34.8497, 71.3097**, and **24.2190, -11.9400, 49.7969** is the 20% darker color. If you saturate the color by 10%, you get **65.9270, -32.5020, 64.9620**, and if you desaturate by 10%, it is **73.3930, -29.2807, 58.4143**.

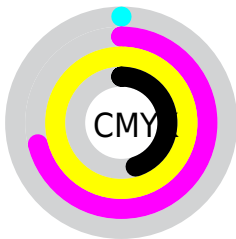
Distribution



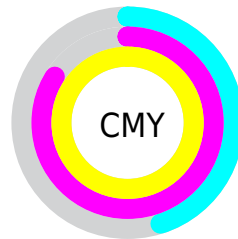
- Red (55%)
- Green (16%)
- Blue (0%)



- Red (55%)
- Yellow (23%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (45%)





- Cyan (45%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.9270, -32.5020, 64.9620 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 65.9270, -32.5020, 64.9620 by changing the saturation by 10% instead.


 65.9270, -32.5020,
64.9620

 65.9270, -32.5020,
64.9620


 252.4920, -9.6096,
2.1995

 39.3470, -19.3981,
61.9627


 119.6890,
-34.8497, 71.3097


 24.2190, -11.9400,
49.7969

 146.9560,
-36.4603, 74.5836


 16.5590, -7.6706,
33.7128

 172.5320,
-36.7443, 72.3244

 4.7840, -2.3585,
9.8364


 191.2310,
-33.6379, 55.9254


 0.0000, 0.0000,
0.0000


 210.6310,
-30.3841, 38.9116


 230.7320,


-26.9829, 21.2830


 249.1860,
-22.2767, 5.0989


 65.9270, -32.5020,
64.9620

 73.3930, -29.2807,
58.4143

 80.8590, -26.0595,
51.8667

 88.3250, -22.8382,
45.3190

 95.7910, -19.6170,
38.7713

 103.2570,
-16.3957, 32.2236

■ 110.1360,
-12.8850, 26.1907

■ 117.6020, -9.6638,
19.6430

■ 125.0680, -6.4425,
13.0954

■ 132.5340, -3.2213,
6.5477

Harmonies

Analogous

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



52.0450, -1.0082, 90.2915



65.9270, -32.5020, 64.9620



71.9200, -35.4566, 32.5192

Triad

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



65.9270, -32.5020, 64.9620



61.3340, -3.6157, -53.7899



61.3020, 52.1091, -53.7619

Complementary

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



65.9270, -32.5020, 64.9620



74.0730, 32.5020, -64.9620

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.



70.3350, 48.6418, -61.6838



65.9270, -32.5020, 64.9620



67.5070, 17.4980, -59.2036

Square

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



65.9270, -32.5020, 64.9620



52.8300, -26.0452, -46.3319



71.8220, 36.5698, -62.9879



75.8520, 31.6250, 29.9478

Rectangle

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



65.9270, -32.5020, 64.9620



70.6030, -34.8073, 10.8722



71.8220, 36.5698, -62.9879



65.2800, 52.1200, -57.2506

Sweetspot

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



65.9270, -32.5020, 64.9620



152.5380, -12.5902, 24.9612



53.2600, 23.0428, 76.0710



74.1500, -7.4689, 15.6545



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



65.9270, -32.5020, 64.9620



85.2300, -42.0184, 83.9903



106.4300, -52.4700, 29.4409



65.2670, -1.6106, 3.2738



62.6600, -30.8914, 61.6882



2.0820, -1.0264, 2.5591

Inverse Universe

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



74.0730, 32.5020, -64.9620



95.7700, 42.0184, -83.9903



33.5700, 52.4700, -29.4409



65.7330, 1.6106, -3.2738



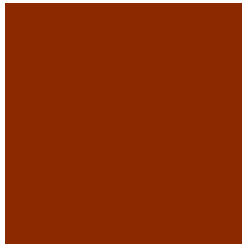
70.3400, 30.8914, -61.6882



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 65.9270, -32.5020, 64.9620 looks on a white background.

Color Contrast Check

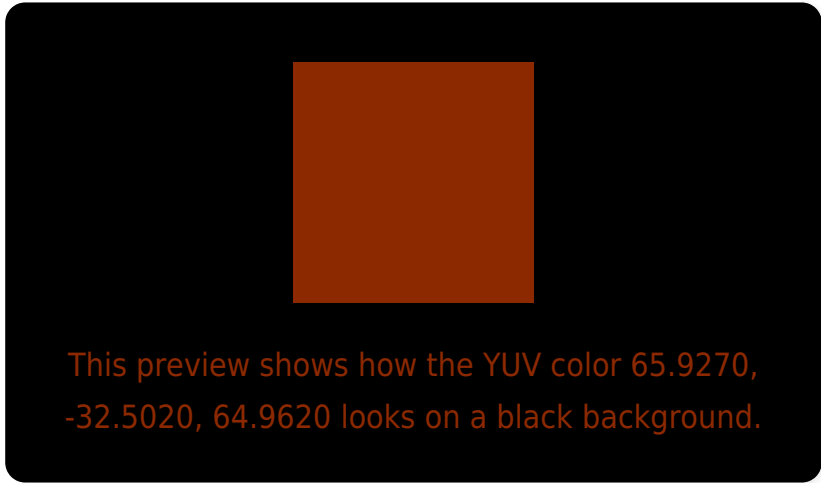
Large Text (above 18pt) WCAG AA ✓ Pass

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

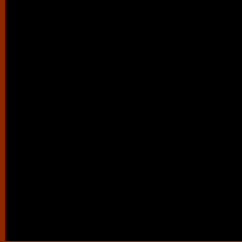
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9270, -32.5020, 64.9620

Background



This preview shows how black text looks on a background with the YUV color 65.9270, -32.5020, 64.9620.



This preview shows how white text looks on a background with the YUV color 65.9270, -32.5020,

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

65.9270, -32.5020, 64.9620

Protanopia

72.9220, -28.5555, 12.3464

Deuteranopia

71.8540, -35.4240, 22.0530



Tritanopia

69.0250, -14.3093, 63.1221

Trichromacy



Original Color

65.9270, -32.5020, 64.9620

Protanomaly

70.4020, -29.7782, 31.2194

Deuteranomaly

69.5940, -34.3098, 38.0671

Tritanomaly

67.9020, -21.1507, 64.1069

Monochromacy



Original Color

65.9270, -32.5020, 64.9620

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0540, -11.8586, 23.6316

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9270, -32.5020, 64.9620 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(140, 41, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 41, 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(140, 41, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 41, 0) }
```

Border

The CSS property to change the border of an element to YUV 65.9270, -32.5020, 64.9620 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(140, 41, 0) }
```


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

```
.border{ border-color:rgb(140, 41, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 41, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 41, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 41, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 41, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9270, -32.5020, 64.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 41, 0) }
```

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

```
.background{ background-color: rgb(140, 41,  
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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