

Converting Colors

YUV(51.7270, -25.5014,
106.3564)

Have a look what the booklet for
YUV(51.7270, -25.5014, 106.3564)
contains.

YUV(51.7270, -25.5014, 106.3564)	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(51.7270, -25.5014,
106.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0000
RGB	173, 0, 0
RGB Percent	68%, 0%, 0%
CMY	0.3216, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.32
HSL	0°, 100%, 34%
HSV	0°, 100%, 68%
XYZ	17.2336, 8.8842, 0.8065
YIQ	51.7270, 103.1080, 36.6760

Conversions

Conversions Part 2

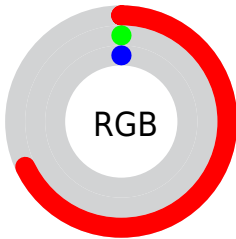
Format	Color
RYB	173, 0, 0
Decimal	11337728
CIELab	35.76, 59.89, 50.12
CIElCh	36, 78.096, 39.924
Yxy	8.8842, 0.6401, 0.3300
Android (android.graphics.Color)	4289527808 (0xFFAD0000)
YUV	51.7270, -25.5014, 106.3564
Hunter-Lab	29.8064, 51.0444, 19.2602

Details

The YUV color **51.7270, -25.5014, 106.3564** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **121.2730, 25.5014, -106.3564**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2350, -36.1049, 100.6489**, and **32.8900, -16.2148, 67.6255** is the 20% darker color. If you saturate the color by 10%, you get **51.7270, -25.5014, 106.3564**, and if you desaturate by 10%, it is **63.6440, -22.9955, 95.9052**.

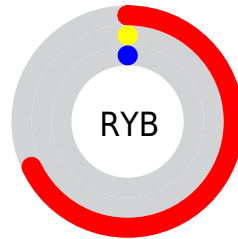
Distribution



Red (68%)

Green (0%)

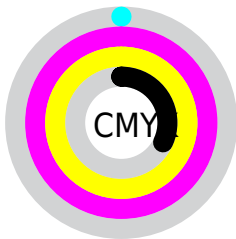
Blue (0%)



Red (68%)

Yellow (0%)

Blue (0%)

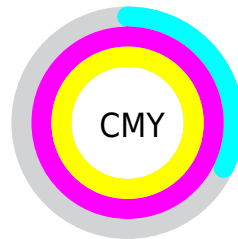


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.7270, -25.5014, 106.3564 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 51.7270, -25.5014, 106.3564 by changing the saturation by 10% instead.


 51.7270, -25.5014,
106.3564

 51.7270, -25.5014,
106.3564


 252.3780,
-10.0464, 2.2995


 42.4580, -20.9318,
87.2983


 122.2350,
-36.1049, 100.6489

 32.8900, -16.2148,
67.6255

 146.7890,
-36.3780, 94.9010

 24.0340, -11.3558,
49.0822

 165.9610,
-33.9978, 78.0872

 15.4770, -6.6442,
31.1537

 185.9480,
-31.0334, 60.5586


 0.0000, 0.0000,
0.0000


 205.3480,
-27.7796, 43.5448


 226.0360,


-24.6677, 25.4014

 246.2510,
-20.8297, 7.6729


 51.7270, -25.5014,
106.3564

 63.6440, -22.9955,
95.9052

 76.2620, -20.3422,
84.8392

 88.1790, -17.8362,
74.3880

 100.0960,
-15.3303, 63.9368

 112.7140,
-12.6770, 52.8708

■ 124.6310,
-10.1711, 42.4196

■ 136.5480, -7.6652,
31.9684

■ 148.4650, -5.1592,
21.5172

■ 161.0830, -2.5059,
10.4512

Harmonies

Analogous

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



63.5510, 1.7004, 108.2648



51.7270, -25.5014, 106.3564



78.2320, -38.5684, 50.6625

Triad

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



51.7270, -25.5014, 106.3564



66.4400, -14.5139, -58.2679



75.0090, 66.5506, -65.7829

Complementary

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



51.7270, -25.5014, 106.3564



121.2730, 25.5014, -106.3564

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.



83.7170, 59.2995, -73.4198



51.7270, -25.5014, 106.3564



75.2520, 14.1728, -65.9960

Square

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



51.7270, -25.5014, 106.3564



58.7000, -28.9391, -51.4799



82.0920, 40.3806, -71.9947



83.2540, 48.6818, 19.0712

Rectangle

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



51.7270, -25.5014, 106.3564



79.2300, -39.0604, 21.7233



82.0920, 40.3806, -71.9947



79.3460, 65.3984, -69.5864

Sweetspot

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



51.7270, -25.5014, 106.3564



177.0330, -9.8763, 41.1901



71.4490, 50.0646, 89.0602



83.9600, -5.8963, 24.5911



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.



51.7270, -25.5014, 106.3564



66.9760, -33.0192, 137.7100



102.7960, -50.6784, 61.5689



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



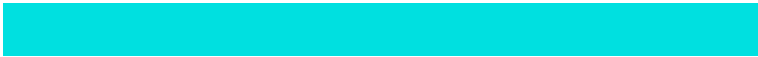
6.8770, -3.3904, 14.1399

Inverse Universe

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



121.2730, 25.5014, -106.3564



157.0240, 33.0192, -137.7100



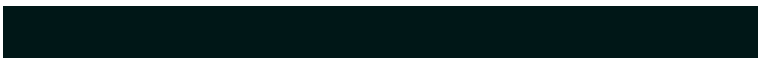
70.7910, 50.3890, -62.0837



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 51.7270, -25.5014, 106.3564 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 51.7270, -25.5014, 106.3564

Background



This preview shows how black text looks on a background with the YUV color 51.7270, -25.5014, 106.3564.



This preview shows how white text looks on a background with the YUV color 51.7270, -25.5014,

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

51.7270, -25.5014, 106.3564

Protanopia

82.8790, -30.0133, 13.2611

Deuteranopia

81.6110, -40.2342, 24.8972



Tritanopia

60.8200, -29.9843, 97.5049

Trichromacy



Original Color

51.7270, -25.5014, 106.3564

Protanomaly

71.2560, -28.2272, 47.1335

Deuteranomaly

70.8780, -34.9429, 54.4810

Tritanomaly

57.2980, -28.2479, 100.5937

Monochromacy



Original Color

51.7270, -25.5014, 106.3564

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8370, -9.2866, 38.7310

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7270, -25.5014, 106.3564 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(173, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 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(173, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.7270, -25.5014, 106.3564 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(173, 0, 0) }
```


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

```
.border{ border-color:rgb(173, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(173, 0, 0); box-shadow:4px  
4px 4px 4px rgb(173, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 51.7270, -25.5014, 106.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 0) }
```

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

```
.background{ background-color: rgb(173, 0,  
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