

Converting Colors

YUV(50.1330, -24.7156,
87.5834)

Have a look what the booklet for
YUV(50.1330, -24.7156, 87.5834)
contains.

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Color

**YUV(50.1330, -24.7156,
87.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	960900
RGB	150, 9, 0
RGB Percent	59%, 4%, 0%
CMY	0.4118, 0.9647, 1.0000
CMYK	0.00, 0.94, 1.00, 0.41
HSL	4°, 100%, 29%
HSV	4°, 100%, 59%
XYZ	12.6754, 6.6794, 0.6212
YIQ	50.1330, 86.9250, 27.0930

Conversions

Conversions Part 2

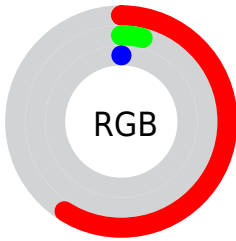
Format	Color
R_{YB}	150, 10, 0
Decimal	9832704
CIE Lab	31.07, 52.58, 44.68
CIE LCh	31, 69.000, 40.352
Yxy	6.6794, 0.6345, 0.3344
Android (android.graphics.Color)	4288022784 (0xFF960900)
YUV	50.1330, -24.7156, 87.5834
Hunter-Lab	25.8445, 42.3167, 16.6661

Details

The YUV color **50.1330, -24.7156, 87.5834** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **99.8670, 24.7156, -87.5834**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7710, -32.4251, 87.0238**, and **26.6110, -13.1192, 54.7152** is the 20% darker color. If you saturate the color by 10%, you get **50.1330, -24.7156, 87.5834**, and if you desaturate by 10%, it is **60.0610, -22.2151, 78.8765**.

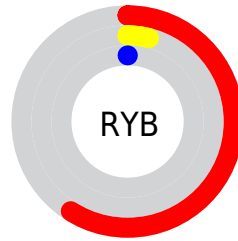
Distribution



Red (59%)

Green (4%)

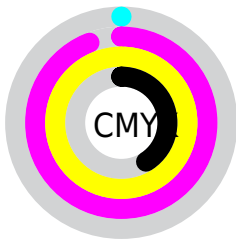
Blue (0%)



Red (59%)

Yellow (4%)

Blue (0%)

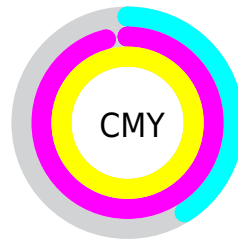


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 50.1330, -24.7156, 87.5834 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 50.1330, -24.7156, 87.5834 by changing the saturation by 10% instead.


 50.1330, -24.7156,
87.5834


 50.1330, -24.7156,
87.5834


 252.1500,
-10.9200, 2.4994


 35.5810, -17.5414,
73.1585


 112.7710,
-32.4251, 87.0238


 26.6110, -13.1192,
54.7152


 141.5110,
-34.7619, 89.8829


 18.7660, -8.2656,
37.9162

 163.3850,
-33.7138, 80.3464

 8.1870, -3.5432,
16.4990


 182.7850,
-30.4600, 63.3326


 0.0000, 0.0000,
0.0000


 202.1850,
-27.2062, 46.3188


 221.6990,


-23.5156, 29.2050


 242.3870,
-20.4038, 11.0616


 50.1330, -24.7156,
87.5834

 60.0610, -22.2151,
78.8765

 69.9890, -19.7146,
70.1696

 79.9170, -17.2141,
61.4628

 89.8450, -14.7136,
52.7559

 100.3600,
-12.5025, 43.5343

■ 110.2880,
-10.0020, 34.8274

■ 120.2160, -7.5015,
26.1206

■ 130.1440, -5.0010,
17.4137

■ 140.0720, -2.5005,
8.7069

Harmonies

Analogous

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



55.2350, 0.8701, 94.5099



50.1330, -24.7156, 87.5834



68.1540, -33.5999, 43.7149

Triad

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



50.1330, -24.7156, 87.5834



57.7660, -12.2096, -50.6608



64.7730, 57.7929, -56.8059

Complementary

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



50.1330, -24.7156, 87.5834



99.8670, 24.7156, -87.5834

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.



72.4210, 51.5574, -63.5132



50.1330, -24.7156, 87.5834



65.5520, 12.5459, -57.4891

Square

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



50.1330, -24.7156, 87.5834



51.0690, -25.1770, -44.7875



71.4800, 35.2594, -62.6880



72.7070, 41.5564, 17.7970

Rectangle

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



50.1330, -24.7156, 87.5834



69.1740, -34.1028, 18.2644



71.4800, 35.2594, -62.6880



68.5230, 56.9302, -60.0947

Sweetspot

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



50.1330, -24.7156, 87.5834



155.1030, -9.4178, 34.1127



61.1520, 40.3511, 77.9197



73.6390, -5.7380, 20.4876



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



50.1330, -24.7156, 87.5834



65.0500, -32.0696, 113.0891



92.9840, -45.8411, 50.0030



69.0930, -1.0318, 4.3034



45.9580, -22.6573, 80.7208



3.5770, -1.7635, 5.6330

Inverse Universe

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



99.8670, 24.7156, -87.5834



128.9500, 32.0697, -113.0891



57.0160, 45.8411, -50.0030



71.9070, 1.0318, -4.3034



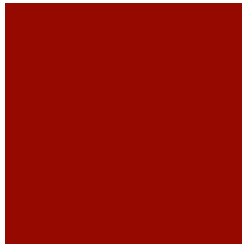
91.4550, 22.9467, -80.2060



7.0100, 1.4741, -6.1478

Previews

White Background



This preview shows how the YUV color 50.1330, -24.7156, 87.5834 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 50.1330, -24.7156, 87.5834

Background



This preview shows how black text looks on a background with the YUV color 50.1330, -24.7156, 87.5834.



This preview shows how white text looks on a background with the YUV color 50.1330, -24.7156,

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

72.1930, -26.2241, 11.2317

Deuteranopia

70.9680, -34.9872, 21.9531

Tritanopia

52.7690, -26.0151, 84.3946

Trichromacy



Protanomaly

64.4830, -25.8741, 39.0414

Deuteranomaly

63.4470, -31.2794, 46.0890

Tritanomaly

51.5950, -25.4363, 85.4242

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9070, -8.8282, 31.6536

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1330, -24.7156, 87.5834 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(150, 9, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 9, 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(150, 9, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 9, 0) }
```

Border

The CSS property to change the border of an element to YUV 50.1330, -24.7156, 87.5834 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(150, 9, 0) }
```

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

```
.border{ border-color:rgb(150, 9, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 9, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 9, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(150, 9, 0); box-shadow:4px  
4px 4px 4px rgb(150, 9, 0) }
```


Background

The CSS property to change the background color of an element to YUV 50.1330, -24.7156, 87.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 9, 0) }
```

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

```
.background{ background-color: rgb(150, 9,  
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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