

Converting Colors

YUV(52.6240, -25.9436,
108.2008)

Have a look what the booklet for
YUV(52.6240, -25.9436, 108.2008)
contains.

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Color

**YUV(52.6240, -25.9436,
108.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	B00000
RGB	176, 0, 0
RGB Percent	69%, 0%, 0%
CMY	0.3098, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.31
HSL	0°, 100%, 35%
HSV	0°, 100%, 69%
XYZ	17.9045, 9.2301, 0.8379
YIQ	52.6240, 104.8960, 37.3120

Conversions

Conversions Part 2

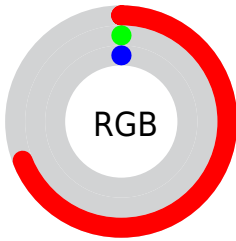
Format	Color
R_{YB}	176, 0, 0
Decimal	11534336
CIE _{Lab}	36.42, 60.66, 50.81
CIE _{LCh}	36, 79.131, 39.953
Yxy	9.2301, 0.6401, 0.3300
Android (android.graphics.Color)	4289724416 (0xFFB00000)
YUV	52.6240, -25.9436, 108.2008
Hunter-Lab	30.3811, 52.0285, 19.6315

Details

The YUV color **52.6240, -25.9436, 108.2008** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **123.3760, 25.9436, -108.2008**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1320, -36.5471, 102.4932**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **52.6240, -25.9436, 108.2008**, and if you desaturate by 10%, it is **65.2420, -23.2903, 97.1348**.

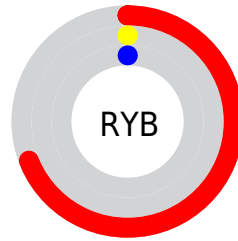
Distribution



Red (69%)

Green (0%)

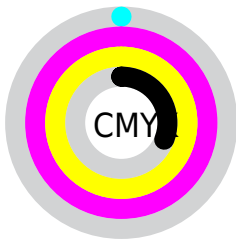
Blue (0%)



Red (69%)

Yellow (0%)

Blue (0%)

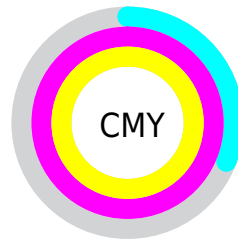


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.6240, -25.9436, 108.2008 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 52.6240, -25.9436, 108.2008 by changing the saturation by 10% instead.


 52.6240, -25.9436,
108.2008

 52.6240, -25.9436,
108.2008


 252.4920, -9.6096,
2.1995

 43.0560, -21.2266,
88.5279


 123.1320,
-36.5471, 102.4932

 33.7870, -16.6570,
69.4698


 147.3760,
-36.6674, 94.3862


 24.6320, -11.6506,
50.3117

 166.6620,
-33.8504, 77.4724

 16.3740, -7.0864,
32.9980

 186.5350,
-31.3228, 60.0438

 1.7940, -0.8844,
3.6887


 206.0490,
-27.6322, 42.9300


 0.0000, 0.0000,
0.0000


 226.7370,


-24.5203, 24.7867


 246.9520,
-20.6823, 7.0581


 52.6240, -25.9436,
108.2008

 65.2420, -23.2903,
97.1348

 77.1590, -20.7844,
86.6836

 89.7770, -18.1311,
75.6176

 101.6940,
-15.6251, 65.1664

 114.3120,
-12.9718, 54.1004

■ 126.9300,
-10.3185, 43.0344

■ 138.8470, -7.8126,
32.5832

■ 151.4650, -5.1592,
21.5172

■ 163.3820, -2.6533,
11.0660

Harmonies

Analogous

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



64.8610, 1.5475, 110.6239



52.6240, -25.9436, 108.2008



80.3030, -39.5894, 51.4773

Triad

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



52.6240, -25.9436, 108.2008



67.7280, -14.6559, -59.3975



76.0520, 68.0084, -66.6976

Complementary

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



52.6240, -25.9436, 108.2008



123.3760, 25.9436, -108.2008

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.



85.3470, 60.4679, -74.8493



52.6240, -25.9436, 108.2008



76.6540, 14.4676, -67.2256

Square

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



52.6240, -25.9436, 108.2008



59.8740, -29.5179, -52.5095



83.6080, 41.1123, -73.3242



84.7810, 49.4080, 19.4861

Rectangle

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



52.6240, -25.9436, 108.2008



80.7030, -39.7866, 21.3085



83.6080, 41.1123, -73.3242



80.9760, 66.5668, -71.0160

Sweetspot

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



52.6240, -25.9436, 108.2008



181.6310, -10.1711, 42.4196



72.6880, 50.9328, 90.6046



85.5580, -6.1911, 25.8206



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



52.6240, -25.9436, 108.2008



68.7700, -33.9036, 141.3987



104.2800, -51.4100, 62.8984



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



123.3760, 25.9436, -108.2008



161.2300, 33.9036, -141.3987



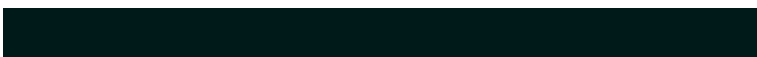
71.7200, 51.4100, -62.8984



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 52.6240, -25.9436, 108.2008 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 52.6240, -25.9436, 108.2008

Background



This preview shows how black text looks on a background with the YUV color 52.6240, -25.9436, 108.2008.



This preview shows how white text looks on a background with the YUV color 52.6240, -25.9436,

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

52.6240, -25.9436, 108.2008

Protanopia

84.7650, -30.4501, 13.3611

Deuteranopia

82.7960, -40.8184, 25.6119



Tritanopia

61.7170, -30.4265, 99.3492

Trichromacy



Original Color

52.6240, -25.9436, 108.2008

Protanomaly

73.4410, -28.8114, 47.8482

Deuteranomaly

71.4760, -35.2377, 55.7105

Tritanomaly

58.1950, -28.6901, 102.4380

Monochromacy



Original Color

52.6240, -25.9436, 108.2008

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1360, -9.4340, 39.3457

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6240, -25.9436, 108.2008 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(176, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 52.6240, -25.9436, 108.2008 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(176, 0, 0) }
```


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

```
.border{ border-color:rgb(176, 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(176, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(176, 0, 0); box-shadow:4px  
4px 4px 4px rgb(176, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 52.6240, -25.9436, 108.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 0) }
```

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

```
.background{ background-color: rgb(176, 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](#).

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