

Converting Colors

YUV(51.6520, -1.8004, 64.3262)

Have a look what the booklet for
YUV(51.6520, -1.8004, 64.3262)
contains.

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Color

**YUV(51.6520, -1.8004,
64.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0F30
RGB	125, 15, 48
RGB Percent	49%, 6%, 19%
CMY	0.5098, 0.9412, 0.8118
CMYK	0.00, 0.88, 0.62, 0.51
HSL	342°, 79%, 27%
HSV	342°, 88%, 49%
XYZ	9.1618, 4.9150, 3.2621
YIQ	51.6520, 54.9670, 33.5830

Conversions

Conversions Part 2

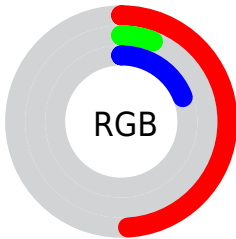
Format	Color
R_{YB}	125, 15, 48
Decimal	8195888
CIE _{Lab}	26.49, 46.10, 11.14
CIE _{LCh}	26, 47.430, 13.589
Yxy	4.9150, 0.5284, 0.2835
Android (android.graphics.Color)	4286385968 (0xFF7D0F30)
YUV	51.6520, -1.8004, 64.3262
Hunter-Lab	22.1698, 34.9685, 6.7948

Details

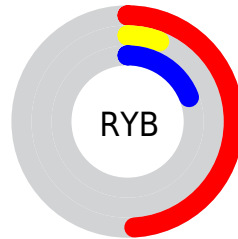
The YUV color **51.6520, -1.8004, 64.3262** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **88.3480, 1.8004, -64.3262**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2840, -7.0420, 65.5259**, and **20.9300, -10.3185, 43.0344** is the 20% darker color. If you saturate the color by 10%, you get **43.5820, -2.2589, 71.4036**, and if you desaturate by 10%, it is **59.7220, -1.3419, 57.2488**.

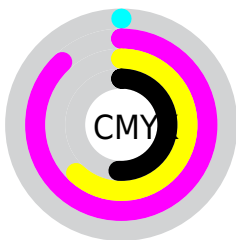
Distribution



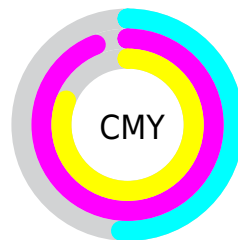
- Red (49%)
- Green (6%)
- Blue (19%)



- Red (49%)
- Yellow (6%)
- Blue (19%)



- Cyan (0%)
- Magenta (88%)
- Yellow (62%)
- Black (51%)



- Cyan (51%)
- Magenta (94%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.6520, -1.8004, 64.3262 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 51.6520, -1.8004, 64.3262 by changing the saturation by 10% instead.

■ 51.6520, -1.8004,
64.3262

■ 51.6520, -1.8004,
64.3262

255.0000, 0.0000,
0.0000

■ 32.0810, -2.5049,
56.9340

■ 108.2840, -7.0420,
65.5259

■ 20.9300, -10.3185,
43.0344

■ 135.5400, -8.6472,
67.0554

■ 12.9710, -5.9017,
26.3354

■ 162.7360, -9.2368,
69.5145

■ 0.0000, 0.0000,
0.0000

■ 186.0230, -7.8993,
60.4928

■ 204.9500, -3.9193,
43.8939

■ 225.1650, -0.0813,

26.1653

245.4940, 4.1935,
8.3368

51.6520, -1.8004,
64.3262

51.6520, -1.8004,
64.3262

43.5820, -2.2589,
71.4036

59.7220, -1.3419,
57.2488

41.7070, -1.8276,
73.0480

68.3790, -1.1728,
49.6566

76.9220, -1.4405,
42.1644

84.9920, -0.9821,
35.0870

93.6490, -0.8130,
27.4948

■ 101.7190, -0.3545,
20.4174

■ 110.2620, -0.6222,
12.9252

■ 118.3320, -0.1637,
5.8478

■ 126.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



57.1740, 13.2252, 51.5904



51.6520, -1.8004, 64.3262



56.7110, -21.5495, 51.9965

Triad

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



51.6520, -1.8004, 64.3262



47.0370, -23.1892, -28.9734



57.4260, 37.2580, -50.3626

Complementary

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



51.6520, -1.8004, 64.3262



88.3480, 1.8004, -64.3262

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.



57.9670, 26.6383, -50.8371



51.6520, -1.8004, 64.3262



49.8730, -4.3744, -43.7386

Square

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



51.6520, -1.8004, 64.3262



57.5790, -28.3864, 4.7542



54.7920, 11.9345, -48.0526



51.6700, 40.5887, -45.3146

Rectangle

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



51.6520, -1.8004, 64.3262



58.6740, -28.9263, 37.9969



54.7920, 11.9345, -48.0526



58.6170, 34.2058, -51.4071

Sweetspot

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



51.6520, -1.8004, 64.3262



134.9260, -0.9495, 24.6209



50.5630, 36.6974, 36.3402



64.6860, -0.3382, 15.1844



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



51.6520, -1.8004, 64.3262



54.3230, -2.6242, 95.3097



60.8040, -22.5814, 56.2999



59.3210, -0.1583, 4.1035



42.6040, -2.2698, 74.8923



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.6520, -1.8004, 64.3262



54.3230, -2.6242, 95.3097



79.1960, 22.5814, -56.2999



59.3210, -0.1583, 4.1035



42.6040, -2.2698, 74.8923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.6520, -1.8004, 64.3262 looks on a white background.

Color Contrast Check

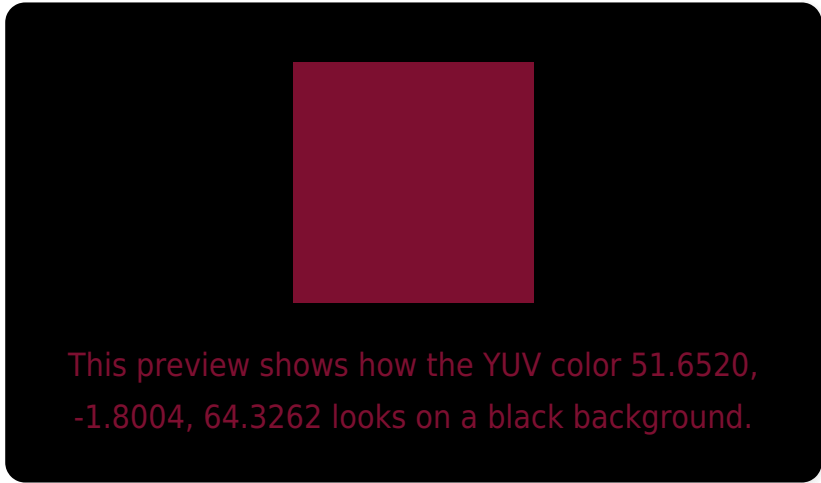
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6520, -1.8004, 64.3262

Background



This preview shows how black text looks on a background with the YUV color 51.6520, -1.8004, 64.3262.



This preview shows how white text looks on a background with the YUV color 51.6520, -1.8004,

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

51.6520, -1.8004, 64.3262

Protanopia

65.4560, 1.7472, -0.3999

Deuteranopia

64.6180, -10.6577, 11.7360



Tritanopia

53.1990, -14.8881, 62.0925

Trichromacy



Original Color

51.6520, -1.8004, 64.3262

Protanomaly

60.5560, 0.2189, 23.1914

Deuteranomaly

59.9500, -7.3703, 30.7389

Tritanomaly

52.4640, -10.0888, 62.7371

Monochromacy



Original Color

51.6520, -1.8004, 64.3262

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3280, -0.6547, 23.3913

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.6520, -1.8004, 64.3262 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(125, 15, 48)` looks like.

```
.text, #text, p{  
    color:rgb(125, 15, 48)  
}
```

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(125, 15, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 15, 48) }
```

Border

The CSS property to change the border of an element to YUV 51.6520, -1.8004, 64.3262 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(125, 15, 48) }
```


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

```
.border{ border-color:rgb(125, 15, 48) }
```

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

Here you see how a box with a 4 pixel rgb(125, 15, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 15, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 15, 48);  
box-shadow:4px 4px 4px 4px rgb(125, 15,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 51.6520, -1.8004, 64.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 15, 48) }
```

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

```
.background{ background-color: rgb(125, 15,  
48) }
```

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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