

Converting Colors

YUV(52.6560, -7.7184, 95.8947)

Have a look what the booklet for
YUV(52.6560, -7.7184, 95.8947)
contains.

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Color

**YUV(52.6560, -7.7184,
95.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	A20025
RGB	162, 0, 37
RGB Percent	64%, 0%, 15%
CMY	0.3647, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.77, 0.36
HSL	346°, 100%, 32%
HSV	346°, 100%, 64%
XYZ	15.2342, 7.8150, 2.4558
YIQ	52.6560, 84.6750, 45.8510

Conversions

Conversions Part 2

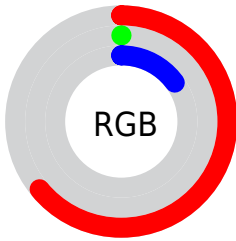
Format	Color
RYB	162, 0, 37
Decimal	10616869
CIELab	33.59, 57.83, 29.00
CIElCh	34, 64.695, 26.632
Yxy	7.8150, 0.5973, 0.3064
Android (android.graphics.Color)	4288806949 (0xFFA20025)
YUV	52.6560, -7.7184, 95.8947
Hunter-Lab	27.9552, 48.3520, 14.3603

Details

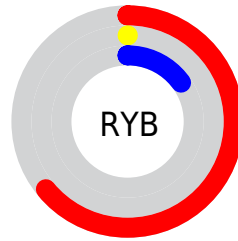
The YUV color **52.6560, -7.7184, 95.8947** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **109.3440, 7.7184, -95.8947**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9360, -19.1954, 90.3871**, and **30.1990, -14.8881, 62.0925** is the 20% darker color. If you saturate the color by 10%, you get **52.6560, -7.7184, 95.8947**, and if you desaturate by 10%, it is **63.5300, -6.6703, 86.3582**.

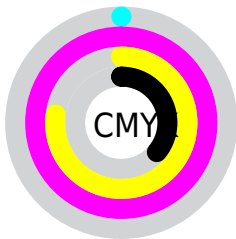
Distribution



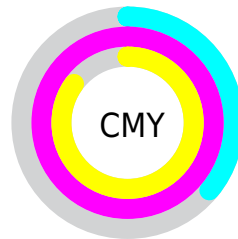
- Red (64%)
- Green (0%)
- Blue (15%)



- Red (64%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6560, -7.7184, 95.8947 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 52.6560, -7.7184, 95.8947 by changing the saturation by 10% instead.

■ 52.6560, -7.7184,
95.8947

■ 52.6560, -7.7184,
95.8947

255.0000, 0.0000,
0.0000

■ 41.1070, -11.8848,
78.8362

■ 120.9360,
-19.1954, 90.3871

■ 30.1990, -14.8881,
62.0925

■ 149.3770,
-21.3849, 92.6314

■ 21.6420, -10.1765,
44.1640

■ 168.6630,
-18.5679, 75.7175

■ 12.9710, -5.9017,
26.3354

■ 188.0630,
-15.3141, 58.7037


■ 0.0000, 0.0000,
0.0000


■ 208.1640,
-11.9129, 41.0752


■ 228.3790, -8.0748,


23.3466


 248.5940, -4.2368,
5.6181

 52.6560, -7.7184,
95.8947

 63.5300, -6.6703,
86.3582

 74.2900, -6.0590,
76.9217

 85.7510, -5.3002,
66.8704

 96.5110, -4.6889,
57.4339

 107.3850, -3.6408,
47.8974

■ 118.1450, -3.0295,
38.4608

■ 129.0190, -1.9814,
28.9243

■ 140.3660, -1.6594,
18.9730

■ 151.2400, -0.6113,
9.4365

Harmonies

Analogous

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



58.3560, 14.1215, 90.8958



52.6560, -7.7184, 95.8947



71.2100, -35.1065, 60.3288

Triad

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



52.6560, -7.7184, 95.8947



57.7200, -22.5400, -50.6204



72.5180, 54.4676, -63.5983

Complementary

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



52.6560, -7.7184, 95.8947



109.3440, 7.7184, -95.8947

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.



75.7490, 44.0007, -66.4319



52.6560, -7.7184, 95.8947



66.3210, 2.7997, -58.1635

Square

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



52.6560, -7.7184, 95.8947



68.0900, -33.5684, -13.2339



72.8360, 25.2239, -63.8772



74.7730, 47.9329, -20.8489

Rectangle

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



52.6560, -7.7184, 95.8947



74.6000, -36.7778, 36.3078



72.8360, 25.2239, -63.8772



74.5240, 51.9997, -65.3575

Sweetspot

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



52.6560, -7.7184, 95.8947



168.8460, -2.8821, 37.8461



55.5440, 52.4828, 60.0359



81.2740, -2.1071, 22.5617



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



52.6560, -7.7184, 95.8947



68.8600, -10.2840, 125.5338



73.6790, -36.3237, 77.4575



75.9190, -0.4531, 5.3330



47.1170, -6.9597, 85.8434



5.8380, -0.9061, 10.6661

Inverse Universe

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



52.6560, -7.7184, 95.8947



68.8600, -10.2840, 125.5338



88.3210, 36.3237, -77.4575



75.9190, -0.4531, 5.3330



47.1170, -6.9597, 85.8434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 52.6560, -7.7184, 95.8947 looks on a white background.

Color Contrast Check

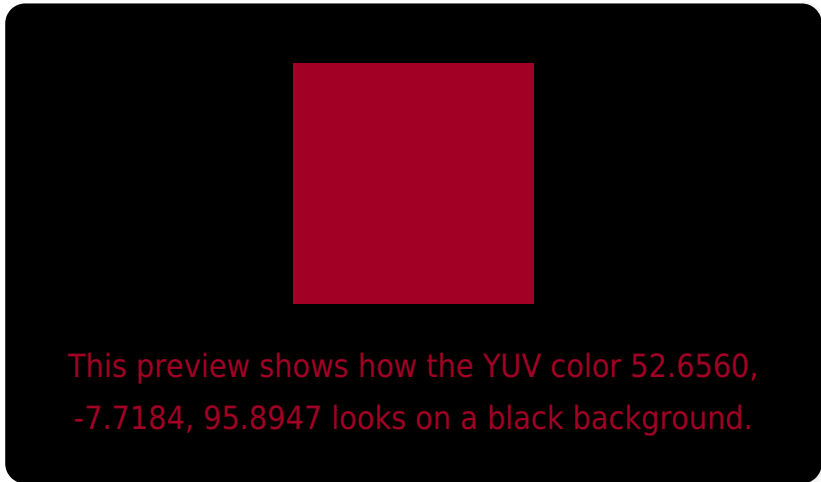
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6560, -7.7184, 95.8947

Background



This preview shows how black text looks on a background with the YUV color 52.6560, -7.7184, 95.8947.



This preview shows how white text looks on a background with the YUV color 52.6560, -7.7184,

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

52.6560, -7.7184, 95.8947

Protanopia

81.1290, -12.3886, 6.9029

Deuteranopia

79.6610, -25.9619, 20.4683



Tritanopia

58.1550, -24.7264, 91.0721

Trichromacy



Original Color

52.6560, -7.7184, 95.8947

Protanomaly

70.7940, -10.7444, 39.6457

Deuteranomaly

69.9600, -19.2073, 47.3931

Tritanomaly

56.4740, -18.4747, 92.5463

Monochromacy



Original Color

52.6560, -7.7184, 95.8947

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1230, -3.0186, 34.9721

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6560, -7.7184, 95.8947 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(162, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 37)  
}
```

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(162, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 37) }
```

Border

The CSS property to change the border of an element to YUV 52.6560, -7.7184, 95.8947 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(162, 0, 37) }
```


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

```
.border{ border-color:rgb(162, 0, 37) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(162, 0, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6560, -7.7184, 95.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 37) }
```

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

```
.background{ background-color: rgb(162, 0,  
37) }
```

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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