

Converting Colors

YUV(52.4220, -3.1660, 35.5869)

Have a look what the booklet for
YUV(52.4220, -3.1660, 35.5869)
contains.

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Color

**YUV(52.4220, -3.1660,
35.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	5D212E
RGB	93, 33, 46
RGB Percent	36%, 13%, 18%
CMY	0.6353, 0.8706, 0.8196
CMYK	0.00, 0.65, 0.51, 0.64
HSL	347°, 48%, 25%
HSV	347°, 65%, 36%
XYZ	5.5512, 3.6121, 2.9894
YIQ	52.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

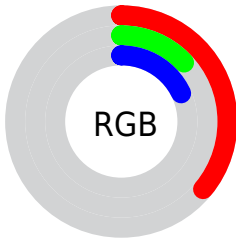
Format	Color
RYB	93, 33, 46
Decimal	6103342
CIELab	22.35, 28.71, 5.78
CIELCh	22, 29.287, 11.377
Yxy	3.6121, 0.4568, 0.2972
Android (android.graphics.Color)	4284293422 (0xFF5D212E)
YUV	52.4220, -3.1660, 35.5869
Hunter-Lab	19.0056, 18.8769, 3.9782

Details

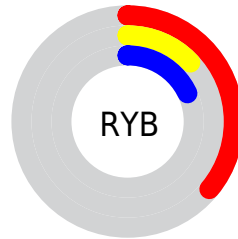
The YUV color **52.4220, -3.1660, 35.5869** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.5780, 3.1660, -35.5869**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6890, -4.7767, 38.8607**, and **13.7540, -6.7807, 28.2797** is the 20% darker color. If you saturate the color by 10%, you get **46.3410, -3.6191, 40.9199**, and if you desaturate by 10%, it is **58.5030, -2.7130, 30.2539**.

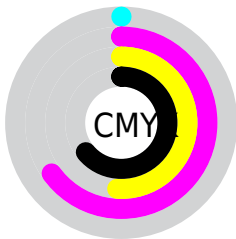
Distribution



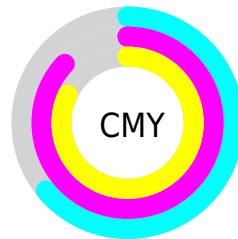
- Red (36%)
- Green (13%)
- Blue (18%)



- Red (36%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (65%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4220, -3.1660, 35.5869 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 52.4220, -3.1660, 35.5869 by changing the saturation by 10% instead.

■ 52.4220, -3.1660,
35.5869

■ 52.4220, -3.1660,
35.5869

255.0000, 0.0000,
0.0000

■ 27.5790, -1.2714,
34.5722

■ 101.6890, -4.7767,
38.8607

■ 13.7540, -6.7807,
28.2797

■ 126.8850, -5.3663,
41.3199

■ 0.0000, 0.0000,
0.0000

■ 153.4830, -5.6611,
42.5494

■ 180.9670, -6.3927,
43.8789

■ 207.0700, -5.9505,
42.0346

■ 226.6980, -1.8231,

24.8209

246.4400, 2.7411,
7.5071

52.4220, -3.1660,
35.5869

52.4220, -3.1660,
35.5869

46.3410, -3.6191,
40.9199

58.5030, -2.7130,
30.2539

39.5590, -4.2196,
46.8678

65.2850, -2.1125,
24.3061

33.4780, -4.6727,
52.2008

71.3660, -1.6594,
18.9730

30.0870, -4.9729,
55.1747

77.4470, -1.2064,
13.6400

84.1150, -1.0427,
7.7921

■ 90.3100, -0.1528,
2.3591

■ 96.3910, 0.3002,
-2.9739

■ 102.4720, 0.7533,
-8.3069

■ 109.2540, 1.3538,
-14.2548

Harmonies

Analogous

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



54.0110, 6.8966, 28.0544



52.4220, -3.1660, 35.5869



52.4680, -13.0487, 32.0386

Triad

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



52.4220, -3.1660, 35.5869



47.2530, -13.9287, -12.4999



46.0500, 24.1324, -40.3858

Complementary

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



52.4220, -3.1660, 35.5869



73.5780, 3.1660, -35.5869

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.



46.3290, 17.5858, -40.6305



52.4220, -3.1660, 35.5869



41.4270, -1.1965, -36.3315

Square

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



52.4220, -3.1660, 35.5869



49.8980, -22.1347, 6.2285



44.5220, 8.1237, -39.0458



49.5300, 22.9097, -21.5128

Rectangle

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



52.4220, -3.1660, 35.5869



51.6430, -18.5580, 25.7461



44.5220, 8.1237, -39.0458



46.1810, 22.0958, -40.5007

Sweetspot

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



52.4220, -3.1660, 35.5869



104.4470, -1.2064, 13.6400



53.8930, 19.2798, 22.8958



51.5280, -0.7533, 8.3069



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



52.4220, -3.1660, 35.5869



57.7880, -4.8255, 54.5599



60.9190, -13.7641, 28.1350



42.6090, -0.3002, 2.9739



35.6260, -5.7316, 65.2260



76.6770, -12.6588, 140.6033

Inverse Universe

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



52.4220, -3.1660, 35.5869



57.7880, -4.8255, 54.5599



65.0810, 13.7641, -28.1350



42.6090, -0.3002, 2.9739



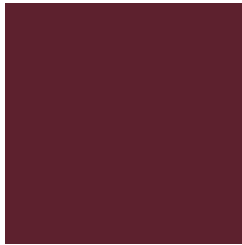
35.6260, -5.7316, 65.2260



76.6770, -12.6588, 140.6033

Previews

White Background



This preview shows how the YUV color 52.4220, -3.1660, 35.5869 looks on a white background.

Color Contrast Check

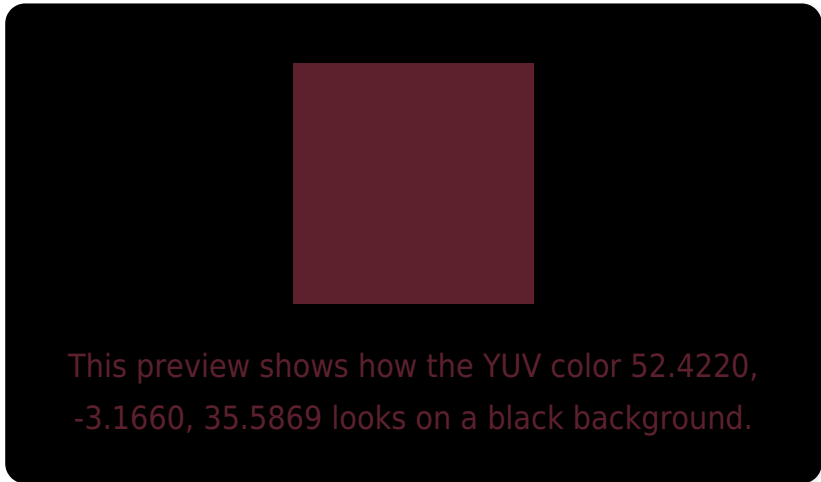
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4220, -3.1660, 35.5869

Background



This preview shows how black text looks on a background with the YUV color 52.4220, -3.1660, 35.5869.



This preview shows how white text looks on a background with the YUV color 52.4220, -3.1660,

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

52.4220, -3.1660, 35.5869

Protanopia

54.6410, 1.1630, 0.3148

Deuteranopia

54.5620, -5.7001, 8.2771



Tritanopia

52.2710, -7.5286, 34.8423

Trichromacy



Original Color

52.4220, -3.1660, 35.5869

Protanomaly

53.6750, -0.3328, 13.4400

Deuteranomaly

53.8560, -4.8590, 18.5433

Tritanomaly

52.0260, -5.9288, 35.0572

Monochromacy



Original Color

52.4220, -3.1660, 35.5869

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1480, -1.0590, 13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4220, -3.1660, 35.5869 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(93, 33, 46)` looks like.

```
.text, #text, p{  
    color:rgb(93, 33, 46)  
}
```

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(93, 33, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 33, 46) }
```

Border

The CSS property to change the border of an element to YUV 52.4220, -3.1660, 35.5869 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(93, 33, 46) }
```


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

```
.border{ border-color:rgb(93, 33, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 33, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 33, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 33, 46);  
box-shadow:4px 4px 4px 4px rgb(93, 33, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4220, -3.1660, 35.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 33, 46) }
```

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

```
.background{ background-color: rgb(93, 33,  
46) }
```

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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