

Converting Colors

YUV(52.8160, 2.5557, 20.3324)

Have a look what the booklet for
YUV(52.8160, 2.5557, 20.3324)
contains.

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Color

**YUV(52.8160, 2.5557,
20.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	4C283A
RGB	76, 40, 58
RGB Percent	30%, 16%, 23%
CMY	0.7020, 0.8431, 0.7725
CMYK	0.00, 0.47, 0.24, 0.70
HSL	330°, 31%, 23%
HSV	330°, 47%, 30%
XYZ	4.5030, 3.3596, 4.4141
YIQ	52.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

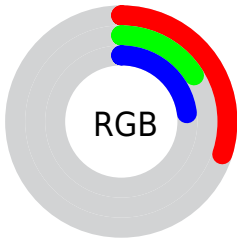
Format	Color
R_{YB}	76, 40, 58
Decimal	4991034
CIE _{Lab}	21.43, 19.59, -4.17
CIE _{LCh}	21, 20.025, 347.978
Yxy	3.3596, 0.3668, 0.2737
Android (android.graphics.Color)	4283181114 (0xFF4C283A)
YUV	52.8160, 2.5557, 20.3324
Hunter-Lab	18.3291, 11.7769, -1.4481

Details

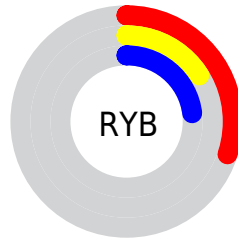
The YUV color **52.8160, 2.5557, 20.3324** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.1840, -2.5557, -20.3324**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1260, 2.4029, 22.6915**, and **11.8760, 1.5401, 19.4027** is the 20% darker color. If you saturate the color by 10%, you get **47.6640, 3.1236, 24.8507**, and if you desaturate by 10%, it is **57.9680, 1.9878, 15.8141**.

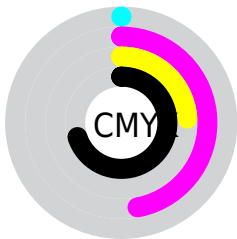
Distribution



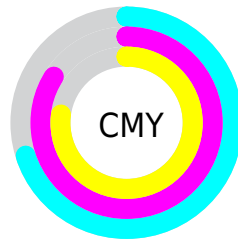
- Red (30%)
- Green (16%)
- Blue (23%)



- Red (30%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (70%)



- Cyan (70%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8160, 2.5557, 20.3324 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 52.8160, 2.5557, 20.3324 by changing the saturation by 10% instead.

■ 52.8160, 2.5557,
20.3324

■ 52.8160, 2.5557,
20.3324

■ 255.0000, 0.0000,
0.0000

■ 30.8050, 2.5611,
18.5880

■ 100.1260, 2.4029,
22.6915

■ 11.8760, 1.5401,
19.4027

■ 125.4250, 2.2555,
23.3063

■ 0.0000, 0.0000,
0.0000

■ 151.1370, 2.3975,
24.4359

■ 178.4360, 2.2501,
25.0506

■ 206.1480, 2.3920,
26.1802

■ 231.4570, 3.7187,

20.6472

249.7170, 2.6045,
4.6332

52.8160, 2.5557,
20.3324

52.8160, 2.5557,
20.3324

47.6640, 3.1236,
24.8507

57.9680, 1.9878,
15.8141

43.0990, 3.4022,
28.8542

62.5330, 1.7092,
11.8106

38.0610, 4.4069,
33.2725

67.5710, 0.7045,
7.3922

33.4960, 4.6855,
37.2760

72.1360, 0.4260,
3.3887

28.3440, 5.2534,
41.7943

77.2880, -0.1420,
-1.1296

■ 27.0560, 5.3954,
42.9239

■ 82.4400, -0.7099,
-5.6479

■ 87.0050, -0.9885,
-9.6514

■ 92.0430, -1.9932,
-14.0697

■ 96.6080, -2.2717,
-18.0732

Harmonies

Analogous

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



53.0580, 8.8454, 9.5961



52.8160, 2.5557, 20.3324



52.3020, -4.5859, 24.2911

Triad

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



52.8160, 2.5557, 20.3324



49.1670, -13.3933, 2.4845



42.3680, 15.1016, -37.1567

Complementary

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



52.8160, 2.5557, 20.3324



63.1840, -2.5557, -20.3324

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.



41.4730, 9.1338, -36.3718



52.8160, 2.5557, 20.3324



47.4580, -8.1138, -10.9257

Square

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



52.8160, 2.5557, 20.3324



50.4180, -14.0101, 13.6654



43.3510, 0.8130, -27.4948



44.9930, 17.2585, -28.9349

Rectangle

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



52.8160, 2.5557, 20.3324



51.8520, -8.8010, 22.9318



43.3510, 0.8130, -27.4948



41.9120, 13.3544, -36.7568

Sweetspot

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



52.8160, 2.5557, 20.3324



90.5710, 0.7045, 7.3922



49.4860, 13.0714, 7.4668



45.2610, 0.8573, 5.0331



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.8160, 2.5557, 20.3324



62.9360, 3.9756, 31.6281



50.7640, -5.3067, 22.1320



35.4240, 0.2840, 2.2592



36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Inverse Universe

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



52.8160, 2.5557, 20.3324



62.9360, 3.9756, 31.6281



65.2360, 5.3067, -22.1320



35.4240, 0.2840, 2.2592



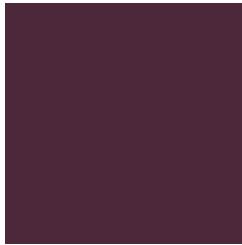
36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Previews

White Background



This preview shows how the YUV color 52.8160, 2.5557, 20.3324 looks on a white background.

Color Contrast Check

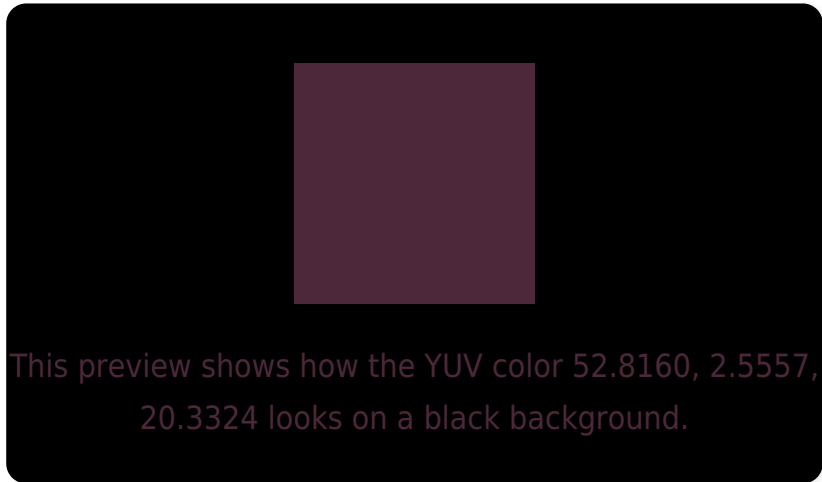
Large Text (above 18pt) WCAG AA ✓ Pass

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

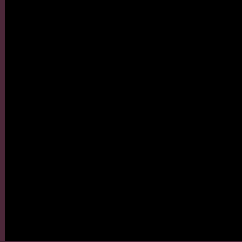
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.8160, 2.5557, 20.3324

Background



This preview shows how black text looks on a background with the YUV color 52.8160, 2.5557, 20.3324.



This preview shows how white text looks on a background with the YUV color 52.8160, 2.5557,

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

52.8160, 2.5557, 20.3324

Protanopia

51.8130, 6.9942, -3.3440

Deuteranopia

52.1790, 1.8838, 2.4740



Tritanopia

52.3230, -3.1172, 19.8877

Trichromacy



Original Color

52.8160, 2.5557, 20.3324

Protanomaly

52.1130, 5.3673, 5.1629

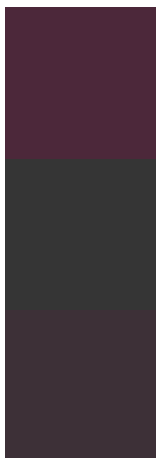
Deuteranomaly

52.3370, 2.2989, 9.3515

Tritanomaly

52.1920, -1.0807, 20.0026

Monochromacy



Original Color

52.8160, 2.5557, 20.3324

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6850, 1.1413, 7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8160, 2.5557, 20.3324 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(76, 40, 58)` looks like.

```
.text, #text, p{  
    color:rgb(76, 40, 58)  
}
```

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(76, 40, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 40, 58) }
```

Border

The CSS property to change the border of an element to YUV 52.8160, 2.5557, 20.3324 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(76, 40, 58) }
```


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

```
.border{ border-color:rgb(76, 40, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 40, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 40, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 40, 58);  
box-shadow:4px 4px 4px 4px rgb(76, 40, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8160, 2.5557, 20.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 40, 58) }
```

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

```
.background{ background-color: rgb(76, 40,  
58) }
```

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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