

Converting Colors

YUV(52.8750, -20.6444, -5.1524)

Have a look what the booklet for
YUV(52.8750, -20.6444, -5.1524)
contains.

YUV(52.8750, -20.6444, -5.1524)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.8750, -20.6444,
-5.1524)**

Conversions

Conversions Part 1

Format	Color
Hex	2F400B
RGB	47, 64, 11
RGB Percent	18%, 25%, 4%
CMY	0.8157, 0.7490, 0.9569
CMYK	0.27, 0.00, 0.83, 0.75
HSL	79°, 71%, 15%
HSV	79°, 83%, 25%
XYZ	3.0661, 4.2953, 0.9841
YIQ	52.8750, 6.8810, -20.0870

Conversions

Conversions Part 2

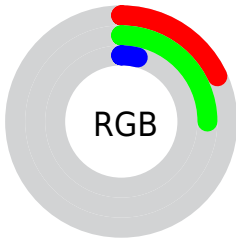
Format	Color
RYB	11, 64, 28
Decimal	3096587
CIELab	24.62, -15.94, 28.38
CIELCh	25, 32.552, 119.318
Yxy	4.2953, 0.3674, 0.5147
Android (android.graphics.Color)	4281286667 (0xFF2F400B)
YUV	52.8750, -20.6444, -5.1524
Hunter-Lab	20.7251, -9.8614, 11.6923

Details

The YUV color **52.8750, -20.6444, -5.1524** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.1250, 20.6444, 5.1524**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6470, -21.5180, -4.9524**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **51.5930, -22.9703, -5.7821**, and if you desaturate by 10%, it is **54.1570, -18.3184, -4.5227**.

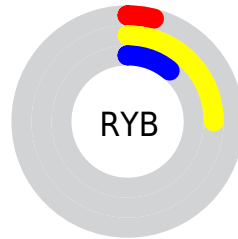
Distribution



Red (18%)

Green (25%)

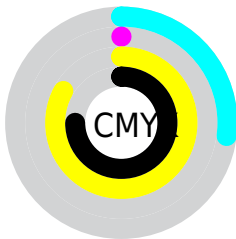
Blue (4%)



Red (4%)

Yellow (25%)

Blue (11%)

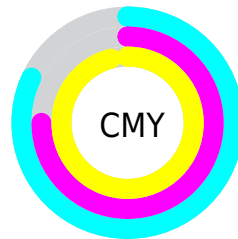


Cyan (27%)

Magenta (0%)

Yellow (83%)

Black (75%)



Cyan (82%)


Magenta (75%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.8750, -20.6444, -5.1524 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 52.8750, -20.6444, -5.1524 by changing the saturation by 10% instead.


 52.8750, -20.6444,
-5.1524


 52.8750, -20.6444,
-5.1524


 253.2900, -6.5520,
1.4997


 32.4280, -15.9870,
-5.6374


 100.6470,
-21.5180, -4.9524

 13.5010, -6.6560,
-11.8404

 125.5330,
-21.9548, -4.8524

 0.0000, 0.0000,
0.0000


 152.1910,
-23.2652, -4.5525


 179.0770,
-23.7020, -4.4525


 205.9630,
-24.1388, -4.3526


 234.7350,


-25.0124, -4.1526


 250.0980,
-18.7823, 4.2991


 52.8750, -20.6444,
-5.1524


 52.8750, -20.6444,
-5.1524


 51.5930, -22.9703,
-5.7821


 54.1570, -18.3184,
-4.5227

 50.4250, -24.8595,
-6.5117

 55.5530, -15.5556,
-3.9930

 56.8350, -13.2297,
-3.3633

 58.2310, -10.4669,
-2.8336

 59.5130, -8.1409,
-2.2039

■ 60.7950, -5.8149,
-1.5742

■ 62.1910, -3.0522,
-1.0445

■ 63.4730, -0.7262,
-0.4148

■ 64.8690, 2.0366,
0.1149

Harmonies

Analogous

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



55.0300, -25.6508, 14.0057



52.8750, -20.6444, -5.1524



45.6570, -6.7329, -33.9022

Triad

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



52.8750, -20.6444, -5.1524



50.7290, 24.2906, -44.4893



57.5840, 1.1911, 38.0758

Complementary

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



52.8750, -20.6444, -5.1524



22.1250, 20.6444, 5.1524

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.



59.6560, 12.0016, 23.9807



52.8750, -20.6444, -5.1524



48.1190, 29.5213, -42.2004

Square

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



52.8750, -20.6444, -5.1524



50.4380, 15.5601, -44.2341



59.0810, 20.6661, -1.8250



56.6090, -10.1602, 38.9309

Rectangle

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



52.8750, -20.6444, -5.1524



46.6760, 1.1457, -40.9349



59.0810, 20.6661, -1.8250



58.1860, 4.8383, 34.9169

Sweetspot

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



52.8750, -20.6444, -5.1524



79.5130, -8.1409, -2.2039



36.8260, -12.7322, 23.8316



40.3220, -5.0887, -1.1594



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



52.8750, -20.6444, -5.1524



66.4650, -32.2742, -8.3008



45.1010, -16.8118, -21.1366



32.3590, -1.1630, -0.3148



76.6730, -37.7998, -9.3602



176.9360, -87.2294, -21.8689

Inverse Universe

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



22.1250, 20.6444, 5.1524



18.5350, 32.2742, 8.3008



29.8990, 16.8118, 21.1366



30.6410, 1.1630, 0.3148



20.3270, 37.7998, 9.3602



47.0640, 87.2294, 21.8689

Previews

White Background



This preview shows how the YUV color 52.8750, -20.6444, -5.1524 looks on a white background.

Color Contrast Check

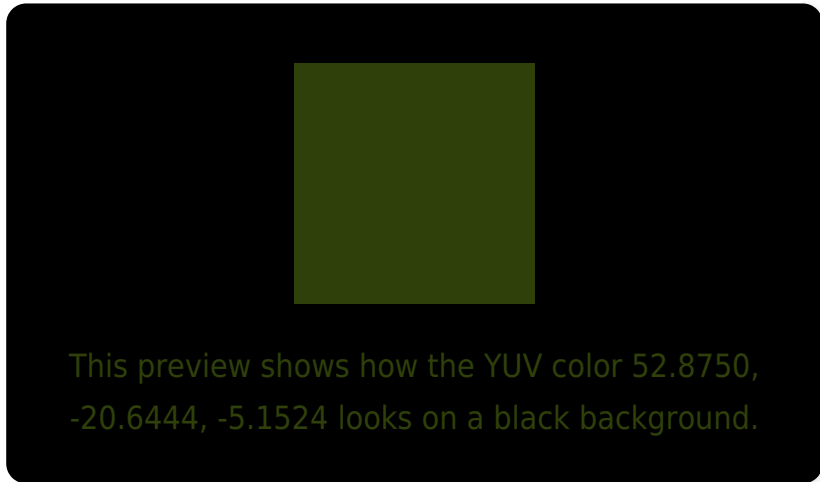
Large Text (above 18pt) WCAG AA ✓ Pass

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

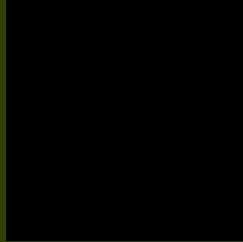
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8750, -20.6444, -5.1524

Background



This preview shows how black text looks on a background with the YUV color 52.8750, -20.6444, -5.1524.



This preview shows how white text looks on a background with the YUV color 52.8750, -20.6444,

-5.1524.

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

52.8750, -20.6444, -5.1524

Protanopia

55.5070, -22.4350, 9.2024

Deuteranopia

56.5230, -19.9778, 14.4503



Tritanopia

58.3630, 2.7790, -4.7034

Trichromacy



Original Color

52.8750, -20.6444, -5.1524

Protanomaly

54.5880, -21.9819, 3.8693

Deuteranomaly

55.3650, -20.3929, 7.5729

Tritanomaly

56.1860, -5.5147, -4.5481

Monochromacy



Original Color

52.8750, -20.6444, -5.1524

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0400, -7.4147, -1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8750, -20.6444, -5.1524 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(47, 64, 11)` looks like.

```
.text, #text, p{  
    color:rgb(47, 64, 11)  
}
```

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(47, 64, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 64, 11) }
```

Border

The CSS property to change the border of an element to YUV 52.8750, -20.6444, -5.1524 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(47, 64, 11) }
```


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

```
.border{ border-color:rgb(47, 64, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 64, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 64, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 64, 11);  
box-shadow:4px 4px 4px 4px rgb(47, 64, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8750, -20.6444, -5.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 64, 11) }
```

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

```
.background{ background-color: rgb(47, 64,  
11) }
```

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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