

Converting Colors

YUV(28.3510, -5.5960, 21.6172)

Have a look what the booklet for
YUV(28.3510, -5.5960, 21.6172)
contains.

YUV(28.3510, -5.5960, 21.6172)	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(28.3510, -5.5960,
21.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	351211
RGB	53, 18, 17
RGB Percent	21%, 7%, 7%
CMY	0.7922, 0.9294, 0.9333
CMYK	0.00, 0.66, 0.68, 0.79
HSL	2°, 51%, 14%
HSV	2°, 68%, 21%
XYZ	1.7857, 1.2300, 0.6736
YIQ	28.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

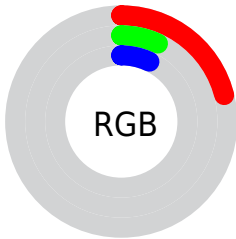
Format	Color
R_{YB}	53, 18, 17
Decimal	3478033
CIE _{Lab}	10.78, 17.50, 8.95
CIE _{LCh}	11, 19.657, 27.070
Yxy	1.2300, 0.4840, 0.3334
Android (android.graphics.Color)	4281668113 (0xFF351211)
YUV	28.3510, -5.5960, 21.6172
Hunter-Lab	11.0904, 9.3324, 4.1621

Details

The YUV color **28.3510, -5.5960, 21.6172** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.6490, 5.5960, -21.6172**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.6180, -7.2067, 24.8910**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.8460, -6.3331, 24.6911**, and if you desaturate by 10%, it is **31.8560, -4.8590, 18.5433**.

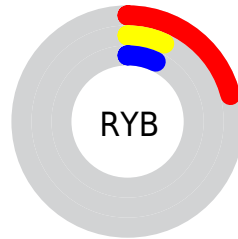
Distribution



Red (21%)

Green (7%)

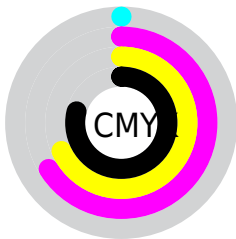
Blue (7%)



Red (21%)

Yellow (7%)

Blue (7%)

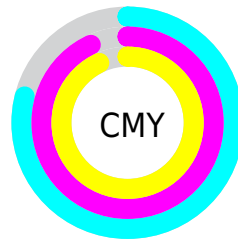


Cyan (0%)

Magenta (66%)

Yellow (68%)

Black (79%)



Cyan (79%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3510, -5.5960, 21.6172 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 28.3510, -5.5960, 21.6172 by changing the saturation by 10% instead.

■ 28.3510, -5.5960,
21.6172

■ 28.3510, -5.5960,
21.6172

■ 247.5340, -3.2213,
6.5477

■ 9.8670, -4.8644,
20.2876

■ 73.6180, -7.2067,
24.8910

■ 0.0000, 0.0000,
0.0000

■ 97.5150, -7.6489,
26.7353

■ 122.9990, -8.3805,
28.0649

■ 148.7110, -8.2385,
29.1945

■ 175.3090, -8.5333,
30.4240

■ 203.4940, -9.1175,

31.1388

■ 227.2050, -7.4961,
24.3762

■ 28.3510, -5.5960,
21.6172

■ 28.3510, -5.5960,
21.6172

■ 24.8460, -6.3331,
24.6911

■ 31.8560, -4.8590,
18.5433

■ 21.2270, -7.5069,
27.8649

■ 35.4750, -3.6852,
15.3694

■ 17.7220, -8.2439,
30.9388

■ 38.9800, -2.9481,
12.2955

■ 16.4340, -8.1020,
32.0684

■ 43.0720, -2.5005,
8.7069

■ 46.6910, -1.3267,
5.5330

■ 50.1960, -0.5896,
2.4591

■ 53.7010, 0.1474,
-0.6148

■ 57.2060, 0.8844,
-3.6887

■ 60.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



29.0610, 0.9559, 20.1175



28.3510, -5.5960, 21.6172



27.8530, -13.7315, 17.6689

Triad

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



28.3510, -5.5960, 21.6172



23.4190, -5.6296, -14.3995



24.5810, 15.4896, -21.5575

Complementary

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



28.3510, -5.5960, 21.6172



41.6490, 5.5960, -21.6172

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.



25.7720, 12.4374, -22.6020



28.3510, -5.5960, 21.6172



24.2100, 1.3755, -21.2322

Square

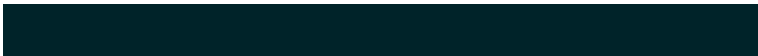
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.3510, -5.5960, 21.6172



26.5580, -13.0931, -0.4894



25.2190, 7.7800, -22.1171



29.3770, 11.6461, -2.0846

Rectangle

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



28.3510, -5.5960, 21.6172



27.8200, -13.7153, 12.4359



25.2190, 7.7800, -22.1171



25.0540, 14.7634, -21.9724

Sweetspot

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



28.3510, -5.5960, 21.6172



59.1860, -2.0637, 8.6069



31.7540, 9.9813, 18.6327



29.6910, -1.3267, 5.5330



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



28.3510, -5.5960, 21.6172



30.2170, -8.9810, 34.0127



38.9170, -10.8051, 12.3508



23.8970, -0.4422, 1.8443



27.7850, -13.6980, 53.6856



68.4050, -33.7237, 130.3178

Inverse Universe

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



41.6490, 5.5960, -21.6172



50.7830, 8.9810, -34.0127



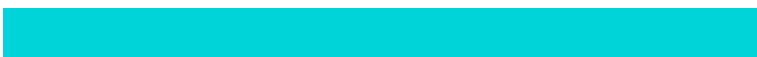
31.0830, 10.8051, -12.3508



24.5160, 0.7316, -1.3295



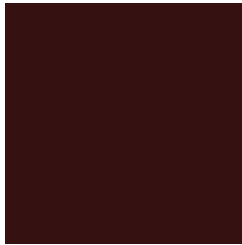
61.2150, 13.6980, -53.6856



148.5950, 33.7237, -130.3178

Previews

White Background



This preview shows how the YUV color 28.3510, -5.5960, 21.6172 looks on a white background.

Color Contrast Check

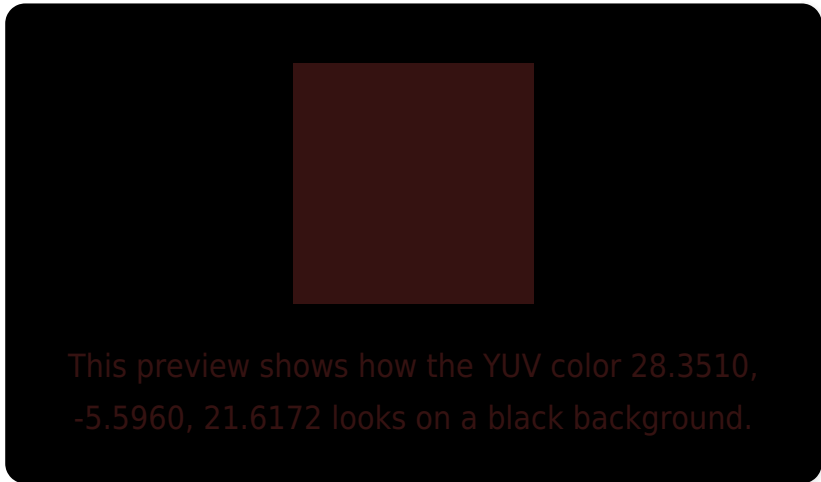
Large Text (above 18pt) WCAG AA ✓ Pass

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

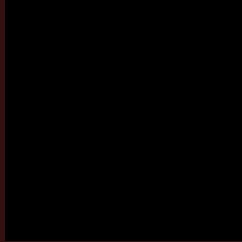
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3510, -5.5960, 21.6172

Background



This preview shows how black text looks on a background with the YUV color 28.3510, -5.5960, 21.6172.



This preview shows how white text looks on a background with the YUV color 28.3510, -5.5960,

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

28.3510, -5.5960, 21.6172

Protanopia

29.9850, -3.9366, 2.6442

Deuteranopia

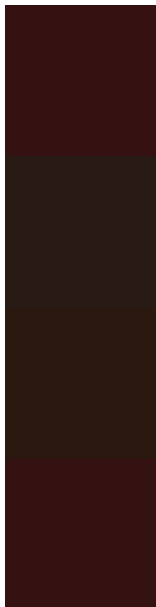
29.7960, -7.2944, 6.3179



Tritanopia

28.5790, -4.7224, 21.4172

Trichromacy



Original Color

28.3510, -5.5960, 21.6172

Protanomaly

29.5020, -4.6845, 9.2067

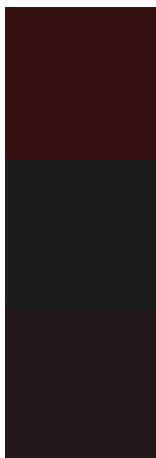
Deuteranomaly

29.3560, -6.5845, 11.9658

Tritanomaly

28.4650, -5.1592, 21.5172

Monochromacy



Original Color

28.3510, -5.5960, 21.6172

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3510, -5.5960, 21.6172 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(53, 18, 17)` looks like.

```
.text, #text, p{  
    color:rgb(53, 18, 17)  
}
```

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(53, 18, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 18, 17) }
```

Border

The CSS property to change the border of an element to YUV 28.3510, -5.5960, 21.6172 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(53, 18, 17) }
```


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

```
.border{ border-color:rgb(53, 18, 17) }
```

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

Here you see how a box with a 4 pixel rgb(53, 18, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 18, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 18, 17);  
box-shadow:4px 4px 4px 4px rgb(53, 18, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.3510, -5.5960, 21.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 18, 17) }
```

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

```
.background{ background-color: rgb(53, 18,  
17) }
```

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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