

Converting Colors

YUV(20.9990, -8.3805, 28.0649)

Have a look what the booklet for
YUV(20.9990, -8.3805, 28.0649)
contains.

YUV(20.9990, -8.3805, 28.0649)	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(20.9990, -8.3805,
28.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	350804
RGB	53, 8, 4
RGB Percent	21%, 3%, 2%
CMY	0.7922, 0.9686, 0.9843
CMYK	0.00, 0.85, 0.92, 0.79
HSL	5°, 86%, 11%
HSV	5°, 92%, 21%
XYZ	1.5769, 0.9393, 0.2131
YIQ	20.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

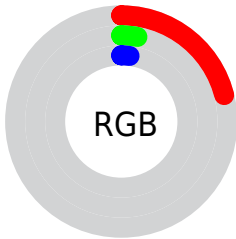
Format	Color
R_{YB}	53, 8, 4
Decimal	3475460
CIE Lab	8.48, 22.03, 11.57
CIE LCh	8, 24.880, 27.700
Yxy	0.9393, 0.5778, 0.3442
Android (android.graphics.Color)	4281665540 (0xFF350804)
YUV	20.9990, -8.3805, 28.0649
Hunter-Lab	9.6918, 12.0828, 5.4809

Details

The YUV color **20.9990, -8.3805, 28.0649** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.0010, 8.3805, -28.0649**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.6080, -8.6807, 31.0388**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.1950, -8.9701, 30.5240**, and if you desaturate by 10%, it is **24.5040, -7.6435, 24.9910**.

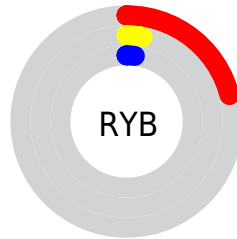
Distribution



Red (21%)

Green (3%)

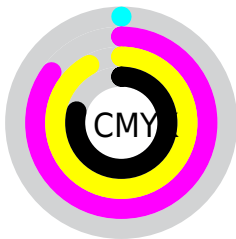
Blue (2%)



Red (21%)

Yellow (3%)

Blue (2%)

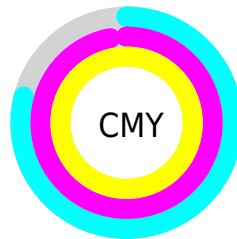


Cyan (0%)

Magenta (85%)

Yellow (92%)

Black (79%)



Cyan (79%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.9990, -8.3805, 28.0649 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 20.9990, -8.3805, 28.0649 by changing the saturation by 10% instead.

■ 20.9990, -8.3805,
28.0649

■ 20.9990, -8.3805,
28.0649

■ 240.2960, -5.5689,
12.8954

■ 8.7850, -3.8380,
17.7286

■ 67.6080, -8.6807,
31.0388

■ 0.0000, 0.0000,
0.0000

■ 91.5050, -9.1230,
32.8831

■ 116.9890, -9.8546,
34.2126

■ 142.7720,
-10.7336, 36.1570

■ 169.3700,
-11.0284, 37.3865

■ 196.9680,

-11.3232, 38.6161

■ 220.6680, -9.6963,
30.1092

■ 20.9990, -8.3805,
28.0649

■ 20.9990, -8.3805,
28.0649

■ 18.1950, -8.9701,
30.5240

■ 24.5040, -7.6435,
24.9910

■ 28.1230, -6.4696,
21.8171

■ 31.6280, -5.7326,
18.7432

■ 34.5460, -4.7062,
16.1842

■ 38.1650, -3.5323,
13.0103

■ 41.6700, -2.7953,
9.9364

■ 45.1750, -2.0583,
6.8625

■ 48.6800, -1.3212,
3.7886

■ 52.2990, -0.1474,
0.6148

Harmonies

Analogous

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



22.0340, 1.9552, 26.2802



20.9990, -8.3805, 28.0649



23.1460, -11.4110, 20.0430

Triad

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



20.9990, -8.3805, 28.0649



18.1970, -8.9711, -15.9588



22.4610, 17.5207, -19.6983

Complementary

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



20.9990, -8.3805, 28.0649



36.0010, 8.3805, -28.0649

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.



24.1250, 13.7424, -21.1576



20.9990, -8.3805, 28.0649



21.9930, 0.4965, -19.2879

Square

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



20.9990, -8.3805, 28.0649



21.2200, -10.4615, -4.5779



23.8170, 7.4852, -20.8875



24.4630, 14.5617, -3.9141

Rectangle

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



20.9990, -8.3805, 28.0649



23.6890, -11.6787, 12.5507



23.8170, 7.4852, -20.8875



22.9340, 16.7945, -20.1131

Sweetspot

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



20.9990, -8.3805, 28.0649



56.2680, -3.0901, 11.1660



23.8950, 12.8698, 25.5251



28.1750, -2.0583, 6.8625



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.



20.9990, -8.3805, 28.0649



24.1530, -11.9074, 39.3308



35.0870, -15.3259, 15.7097



23.8970, -0.4422, 1.8443



30.7200, -15.1450, 51.1116



75.4490, -37.1964, 124.1402

Inverse Universe

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



36.0010, 8.3805, -28.0649



44.8470, 11.9074, -39.3308



21.9130, 15.3259, -15.7097



24.5160, 0.7316, -1.3295



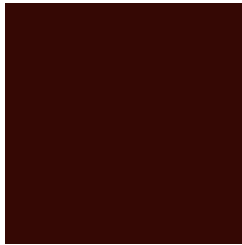
58.2800, 15.1450, -51.1116



141.5510, 37.1964, -124.1402

Previews

White Background



This preview shows how the YUV color 20.9990, -8.3805, 28.0649 looks on a white background.

Color Contrast Check

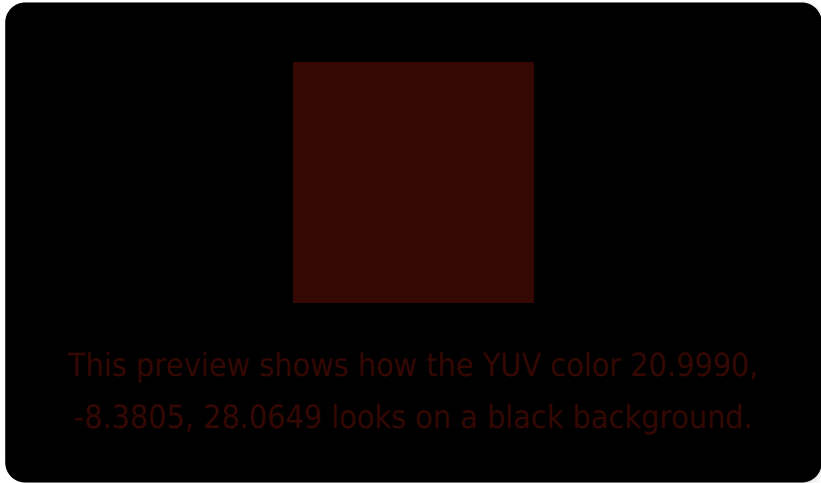
Large Text (above 18pt) WCAG AA ✓ Pass

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

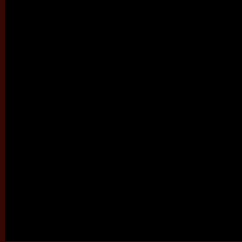
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.9990, -8.3805, 28.0649

Background



This preview shows how black text looks on a background with the YUV color 20.9990, -8.3805, 28.0649.

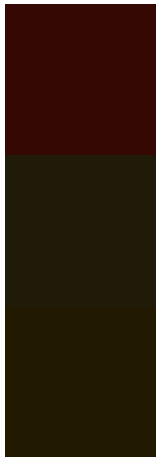


This preview shows how white text looks on a background with the YUV color 20.9990, -8.3805,

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

20.9990, -8.3805, 28.0649

Protanopia

26.0300, -8.8888, 4.3587

Deuteranopia

25.4280, -12.5360, 7.5176



Tritanopia

21.3410, -7.0701, 27.7649

Trichromacy



Original Color

20.9990, -8.3805, 28.0649

Protanomaly

24.1990, -8.4791, 12.9805

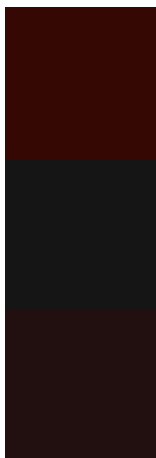
Deuteranomaly

23.5260, -11.1053, 15.3247

Tritanomaly

21.2270, -7.5069, 27.8649

Monochromacy



Original Color

20.9990, -8.3805, 28.0649

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9690, -2.9427, 10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.9990, -8.3805, 28.0649 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, 8, 4)` looks like.

```
.text, #text, p{  
    color:rgb(53, 8, 4)  
}
```

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, 8, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 8, 4) }
```

Border

The CSS property to change the border of an element to YUV 20.9990, -8.3805, 28.0649 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, 8, 4) }
```


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

```
.border{ border-color:rgb(53, 8, 4) }
```

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

Here you see how a box with a 4 pixel rgb(53, 8, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 8, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 8, 4); box-shadow:4px  
4px 4px 4px rgb(53, 8, 4) }
```

Background

The CSS property to change the background color of an element to YUV 20.9990, -8.3805, 28.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 8, 4) }
```

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

```
.background{ background-color: rgb(53, 8,  
4) }
```

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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