

Converting Colors

YUV(51.3220, -21.8507, 8.4876)

Have a look what the booklet for
YUV(51.3220, -21.8507, 8.4876)
contains.

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Color

**YUV(51.3220, -21.8507,
8.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3707
RGB	61, 55, 7
RGB Percent	24%, 22%, 3%
CMY	0.7608, 0.7843, 0.9725
CMYK	0.00, 0.10, 0.89, 0.76
HSL	53°, 79%, 13%
HSV	53°, 89%, 24%
XYZ	3.3290, 3.7398, 0.7474
YIQ	51.3220, 18.9840, -13.6560

Conversions

Conversions Part 2

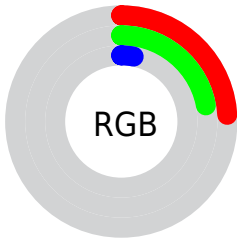
Format	Color
R_{YB}	14, 61, 7
Decimal	4011783
CIE Lab	22.79, -3.61, 28.61
CIE LCh	23, 28.833, 97.202
Yxy	3.7398, 0.4259, 0.4785
Android (android.graphics.Color)	4282201863 (0xFF3D3707)
YUV	51.3220, -21.8507, 8.4876
Hunter-Lab	19.3386, -3.1150, 11.2455

Details

The YUV color **51.3220, -21.8507, 8.4876** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.6780, 21.8507, -8.4876**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1050, -22.7298, 10.4319**, and **8.8380, -4.3571, -2.4889** is the 20% darker color. If you saturate the color by 10%, you get **50.0510, -24.1821, 9.6023**, and if you desaturate by 10%, it is **52.5930, -19.5193, 7.3729**.

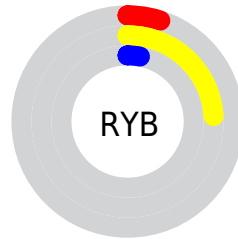
Distribution



Red (24%)

Green (22%)

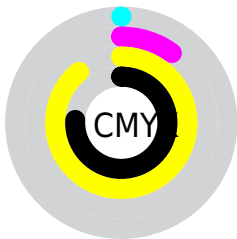
Blue (3%)



Red (5%)

Yellow (24%)

Blue (3%)

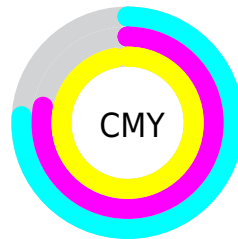


Cyan (0%)

Magenta (10%)

Yellow (89%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3220, -21.8507, 8.4876 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 51.3220, -21.8507, 8.4876 by changing the saturation by 10% instead.

■ 51.3220, -21.8507,
8.4876

■ 51.3220, -21.8507,
8.4876

■ 252.7200, -8.7360,
1.9996

■ 31.3200, -15.4408,
5.8584

■ 99.1050, -22.7298,
10.4319

■ 8.8380, -4.3571,
-2.4889

■ 123.5890,
-23.4614, 11.7614

■ 0.0000, 0.0000,
0.0000

■ 149.7740,
-24.0456, 12.4762


■ 176.5460,
-24.9192, 12.6762


■ 203.7310,
-25.5034, 13.3909


■ 232.5030,


-26.3770, 13.5909


 249.5280,
-20.9663, 4.7989


 51.3220, -21.8507,
8.4876


 51.3220, -21.8507,
8.4876


 50.0510, -24.1821,
9.6023


 52.5930, -19.5193,
7.3729

 49.9370, -24.6189,
9.7023

 53.2770, -16.8986,
6.7731

 54.5480, -14.5672,
5.6584

 55.8190, -12.2358,
4.5437

 56.5030, -9.6150,
3.9439

■ 57.8880, -6.8468,
2.7292

■ 59.1590, -4.5154,
1.6146

■ 59.8430, -1.8946,
1.0147

■ 61.1140, 0.4368,
-0.1000

Harmonies

Analogous

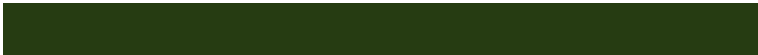
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6920, -19.5682, 23.0721



51.3220, -21.8507, 8.4876



48.6340, -15.1026, -9.3260

Triad

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



51.3220, -21.8507, 8.4876



46.6880, 16.4228, -40.9454



55.5160, 7.6336, 24.9805

Complementary

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



51.3220, -21.8507, 8.4876



16.6780, 21.8507, -8.4876

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.



56.2730, 16.1344, 5.0226



51.3220, -21.8507, 8.4876



46.5230, 23.4062, -40.8007

Square

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



51.3220, -21.8507, 8.4876



44.8810, 6.9607, -39.3606



48.7250, 23.7996, -26.9458



53.4650, -1.7082, 34.6722

Rectangle

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



51.3220, -21.8507, 8.4876



45.1850, -7.4862, -25.5952



48.7250, 23.7996, -26.9458



55.9930, 10.8495, 20.1771

Sweetspot

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



51.3220, -21.8507, 8.4876



75.4320, -8.5940, 3.1291



23.8300, -5.3392, 32.5981



38.3440, -5.0996, 2.3293



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



51.3220, -21.8507, 8.4876



64.7110, -31.9025, 12.5315



48.5650, -20.4915, -7.5115



30.0710, -1.0210, 0.8147



77.4140, -38.1651, 14.5459



182.0170, -89.7344, 35.0651

Inverse Universe

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



16.6780, 21.8507, -8.4876



14.2890, 31.9025, -12.5315



19.4350, 20.4915, 7.5115



28.3420, 1.3104, -0.2999



16.5860, 38.1651, -14.5459



39.9830, 89.7344, -35.0651

Previews

White Background



This preview shows how the YUV color 51.3220, -21.8507, 8.4876 looks on a white background.

Color Contrast Check

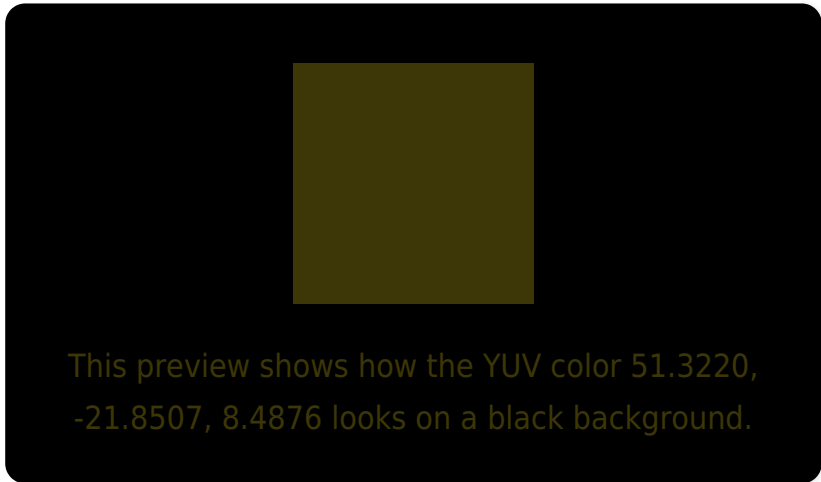
Large Text (above 18pt) WCAG AA ✓ Pass

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

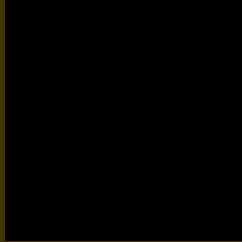
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.3220, -21.8507, 8.4876

Background



This preview shows how black text looks on a background with the YUV color 51.3220, -21.8507, 8.4876.



This preview shows how white text looks on a background with the YUV color 51.3220, -21.8507,

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

51.3220, -21.8507, 8.4876

Protanopia

51.6210, -21.9982, 9.1024

Deuteranopia

52.2950, -20.8514, 14.6503



Tritanopia

55.3430, -0.1691, 7.5922

Trichromacy



Original Color

51.3220, -21.8507, 8.4876

Protanomaly

51.6210, -21.9982, 9.1024

Deuteranomaly

51.8710, -21.1354, 12.3911

Tritanomaly

53.6930, -7.7366, 8.1622

Monochromacy



Original Color

51.3220, -21.8507, 8.4876

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9590, -7.8678, 3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3220, -21.8507, 8.4876 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(61, 55, 7)` looks like.

```
.text, #text, p{  
    color:rgb(61, 55, 7)  
}
```

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(61, 55, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 55, 7) }
```

Border

The CSS property to change the border of an element to YUV 51.3220, -21.8507, 8.4876 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(61, 55, 7) }
```


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

```
.border{ border-color:rgb(61, 55, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 55, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 55, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 55, 7); box-shadow:4px  
4px 4px 4px rgb(61, 55, 7) }
```

Background

The CSS property to change the background color of an element to YUV 51.3220, -21.8507, 8.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 55, 7) }
```

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

```
.background{ background-color: rgb(61, 55,  
7) }
```

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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