

Converting Colors

YUV(51.7620, -19.1097,
15.9947)

Have a look what the booklet for
YUV(51.7620, -19.1097, 15.9947)
contains.

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Color

**YUV(51.7620, -19.1097,
15.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	46320D
RGB	70, 50, 13
RGB Percent	27%, 20%, 5%
CMY	0.7255, 0.8039, 0.9490
CMYK	0.00, 0.29, 0.81, 0.73
HSL	39°, 69%, 16%
HSV	39°, 81%, 27%
XYZ	3.7390, 3.6124, 0.8810
YIQ	51.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

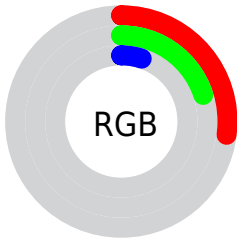
Format	Color
RYB	44, 70, 13
Decimal	4600333
CIELab	22.35, 4.77, 25.93
CIELCh	22, 26.361, 79.586
Yxy	3.6124, 0.4542, 0.4388
Android (android.graphics.Color)	4282790413 (0xFF46320D)
YUV	51.7620, -19.1097, 15.9947
Hunter-Lab	19.0062, 1.8550, 10.5562

Details

The YUV color **51.7620, -19.1097, 15.9947** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **31.2380, 19.1097, -15.9947**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0290, -20.7203, 19.2686**, and **8.9260, -4.4005, 11.4659** is the 20% darker color. If you saturate the color by 10%, you get **49.7900, -21.5885, 17.7242**, and if you desaturate by 10%, it is **53.7340, -16.6309, 14.2653**.

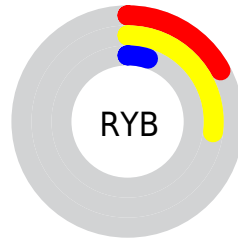
Distribution



Red (27%)

Green (20%)

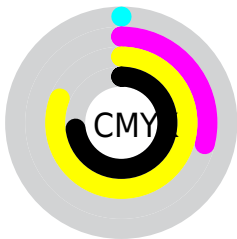
Blue (5%)



Red (17%)

Yellow (27%)

Blue (5%)

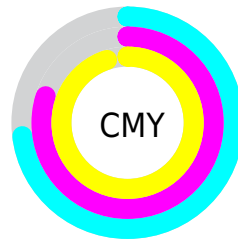


Cyan (0%)

Magenta (29%)

Yellow (81%)

Black (73%)



Cyan (73%)


Magenta (80%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 51.7620, -19.1097, 15.9947 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 51.7620, -19.1097, 15.9947 by changing the saturation by 10% instead.


 51.7620, -19.1097,
15.9947


 51.7620, -19.1097,
15.9947

 253.2900, -6.5520,
1.4997

 31.0760, -15.3205,
13.9653

 99.0290, -20.7203,
19.2686


 8.9260, -4.4005,
11.4659

 124.5130,
-21.4519, 20.5981

 0.0000, 0.0000,
0.0000

 149.9970,
-22.1835, 21.9276


 177.0680,
-23.2045, 22.7424


 204.6660,
-23.4993, 23.9719


 231.0570,


-23.1991, 20.9980


 249.9840,
-19.2191, 4.3990


 51.7620, -19.1097,
15.9947


 51.7620, -19.1097,
15.9947


 49.7900, -21.5885,
17.7242


 53.7340, -16.6309,
14.2653

 47.3450, -23.3411,
19.8684

 56.2930, -14.4414,
12.0210

 58.2650, -11.9626,
10.2916

 60.8240, -9.7732,
8.0474

 62.7960, -7.2944,
6.3179

■ 65.3550, -5.1050,
4.0737

■ 67.3270, -2.6262,
2.3442

■ 69.8860, -0.4368,
0.1000

■ 71.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



52.2070, -13.9061, 27.0055



51.7620, -19.1097, 15.9947



50.0160, -17.7559, 1.7400

Triad

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



51.7620, -19.1097, 15.9947



44.5050, 10.5970, -39.0309



55.4760, 11.5973, 13.6145

Complementary

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



51.7620, -19.1097, 15.9947



31.2380, 19.1097, -15.9947

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.



52.7550, 18.3618, -9.4321



51.7620, -19.1097, 15.9947



45.2690, 18.6014, -39.7009

Square

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



51.7620, -19.1097, 15.9947



42.2250, 1.8611, -37.0313



44.5340, 23.4007, -39.0563



54.3870, 3.2602, 27.7246

Rectangle

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



51.7620, -19.1097, 15.9947



48.2040, -12.9186, -9.8259



44.5340, 23.4007, -39.0563



55.4150, 14.0924, 6.6520

Sweetspot

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



51.7620, -19.1097, 15.9947



84.7960, -7.2944, 6.3179



32.4370, 0.7706, 32.9428



41.5830, -4.2314, 3.8737



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



51.7620, -19.1097, 15.9947



62.9560, -30.0513, 25.4716



61.1100, -23.7182, 0.7805



34.3700, -1.1684, 1.4295



67.7560, -33.4037, 27.4010



154.1620, -76.0019, 63.8789

Inverse Universe

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



31.2380, 19.1097, -15.9947



30.4570, 30.3407, -24.9568



21.8900, 23.7182, -0.7805



33.0430, 1.4578, -0.9147



31.8310, 33.1143, -27.9158



72.8380, 76.0019, -63.8789

Previews

White Background



This preview shows how the YUV color 51.7620, -19.1097, 15.9947 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



This preview shows how the YUV color 51.7620, -19.1097, 15.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

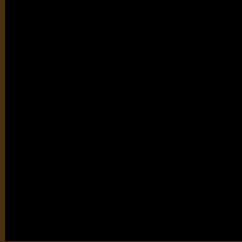
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.7620, -19.1097, 15.9947

Background



This preview shows how black text looks on a background with the YUV color 51.7620, -19.1097, 15.9947.



This preview shows how white text looks on a background with the YUV color 51.7620, -19.1097,

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

51.7620, -19.1097, 15.9947

Protanopia

51.2340, -18.3564, 7.6878

Deuteranopia

51.6370, -19.5410, 14.3504



Tritanopia

54.8170, -2.3748, 15.0695

Trichromacy



Original Color

51.7620, -19.1097, 15.9947

Protanomaly

51.8430, -18.6566, 10.6617

Deuteranomaly

51.9360, -19.6884, 14.9651

Tritanomaly

53.6230, -8.1951, 15.2396

Monochromacy



Original Color

51.7620, -19.1097, 15.9947

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7620, -19.1097, 15.9947 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(70, 50, 13)` looks like.

```
.text, #text, p{  
    color:rgb(70, 50, 13)  
}
```

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(70, 50, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 50, 13) }
```

Border

The CSS property to change the border of an element to YUV 51.7620, -19.1097, 15.9947 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(70, 50, 13) }
```


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

```
.border{ border-color:rgb(70, 50, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 50, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 50, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 50, 13);  
box-shadow:4px 4px 4px 4px rgb(70, 50, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.7620, -19.1097, 15.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 50, 13) }
```

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

```
.background{ background-color: rgb(70, 50,  
13) }
```

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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