

Converting Colors

YUV(19.5950, -2.2653, 26.6652)

Have a look what the booklet for
YUV(19.5950, -2.2653, 26.6652)
contains.

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Color

**YUV(19.5950, -2.2653,
26.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	32050F
RGB	50, 5, 15
RGB Percent	20%, 2%, 6%
CMY	0.8039, 0.9804, 0.9412
CMYK	0.00, 0.90, 0.70, 0.80
HSL	347°, 82%, 11%
HSV	347°, 90%, 20%
XYZ	1.4559, 0.8211, 0.5337
YIQ	19.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

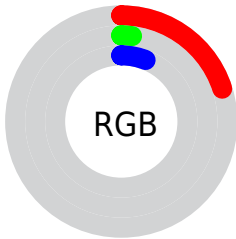
Format	Color
R_{YB}	50, 5, 15
Decimal	3278095
CIE _{Lab}	7.42, 23.24, 5.15
CIE _{LCh}	7, 23.803, 12.507
Yxy	0.8211, 0.5180, 0.2921
Android (android.graphics.Color)	4281468175 (0xFF32050F)
YUV	19.5950, -2.2653, 26.6652
Hunter-Lab	9.0617, 12.8206, 2.8512

Details

The YUV color **19.5950, -2.2653, 26.6652** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.4050, 2.2653, -26.6652**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.5630, -3.7286, 29.3242**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.2040, -2.5656, 29.6391**, and if you desaturate by 10%, it is **22.9860, -1.9651, 23.6913**.

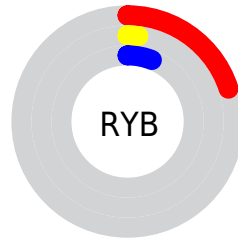
Distribution



Red (20%)

Green (2%)

Blue (6%)



Red (20%)

Yellow (2%)

Blue (6%)

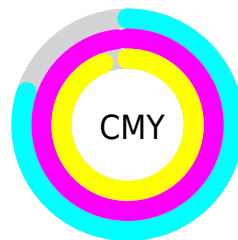


Cyan (0%)

Magenta (90%)

Yellow (70%)

Black (80%)



Cyan (80%)

Magenta (98%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.5950, -2.2653, 26.6652 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 19.5950, -2.2653, 26.6652 by changing the saturation by 10% instead.

■ 19.5950, -2.2653,
26.6652

■ 19.5950, -2.2653,
26.6652

■ 239.0880, -0.0434,
13.9548

■ 7.5890, -3.2484,
15.2694

■ 65.5630, -3.7286,
29.3242

■ 0.0000, 0.0000,
0.0000

■ 89.4600, -4.1708,
31.1686

■ 114.3570, -4.6130,
33.0129


■ 140.8410, -5.3446,
34.3424


■ 167.4390, -5.6394,
35.5720


■ 195.0370, -5.9342,


36.8016


 219.3460, -4.6076,
31.2686


 19.5950, -2.2653,
26.6652


 19.5950, -2.2653,
26.6652


 16.2040, -2.5656,
29.6391

 22.9860, -1.9651,
23.6913

 26.3770, -1.6649,
20.7174

 29.7680, -1.3646,
17.7435

 33.1590, -1.0644,
14.7696

 36.4360, -1.2009,
11.8956

■ 39.8270, -0.9007,
8.9217

■ 43.2180, -0.6005,
5.9478

■ 46.6090, -0.3002,
2.9739

■ 50.0000, 0.0000,
0.0000

Harmonies

Analogous

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



21.2120, 5.3185, 20.8621



19.5950, -2.2653, 26.6652



19.9230, -9.8220, 23.7465

Triad

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



19.5950, -2.2653, 26.6652



16.4360, -8.1029, -14.4144



21.7770, 14.8999, -19.0984

Complementary

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



19.5950, -2.2653, 26.6652



35.4050, 2.2653, -26.6652

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.



22.5120, 10.1006, -19.7430



19.5950, -2.2653, 26.6652



19.2230, -5.0399, -16.8586

Square

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



19.5950, -2.2653, 26.6652



20.9650, -10.3357, 1.7847



21.5030, 3.6960, -18.8581



18.9560, 16.7837, -16.6244

Rectangle

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



19.5950, -2.2653, 26.6652



21.6510, -10.6739, 16.9691



21.5030, 3.6960, -18.8581



22.1360, 13.7370, -19.4133

Sweetspot

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



19.5950, -2.2653, 26.6652



52.4250, -1.1955, 10.1513



20.5950, 14.4967, 17.0182



26.2180, -0.6005, 5.9478



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



19.5950, -2.2653, 26.6652



20.7320, -3.3189, 37.9460



25.4990, -10.1060, 21.4874



24.0110, -0.0054, 1.7444



28.8910, -4.3833, 52.7156



70.3550, -11.0210, 128.6077

Inverse Universe

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



19.5950, -2.2653, 26.6652



20.7320, -3.3189, 37.9460



29.5010, 10.1060, -21.4874



24.0110, -0.0054, 1.7444



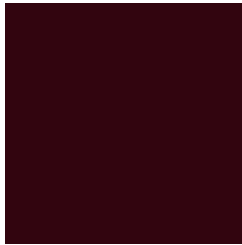
28.8910, -4.3833, 52.7156



70.3550, -11.0210, 128.6077

Previews

White Background



This preview shows how the YUV color 19.5950, -2.2653, 26.6652 looks on a white background.

Color Contrast Check

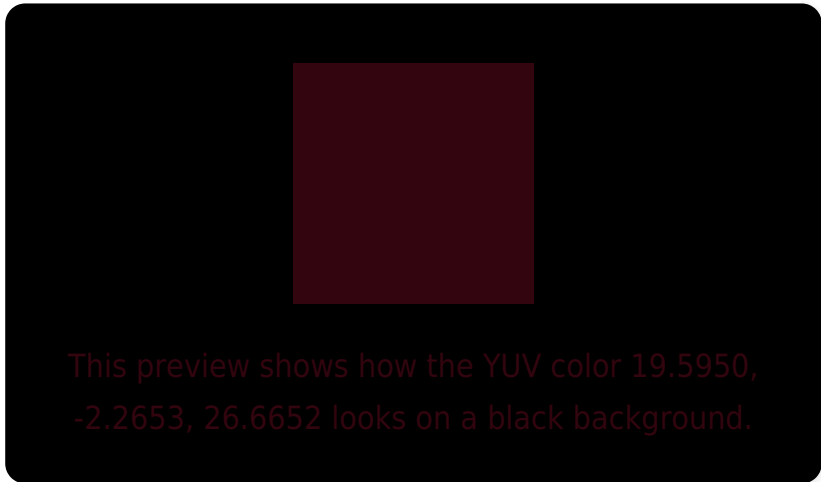
Large Text (above 18pt) WCAG AA ✓ Pass

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

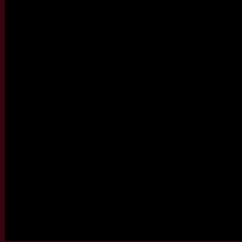
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.5950, -2.2653, 26.6652

Background



This preview shows how black text looks on a background with the YUV color 19.5950, -2.2653, 26.6652.

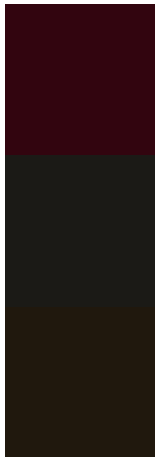


This preview shows how white text looks on a background with the YUV color 19.5950, -2.2653,

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

19.5950, -2.2653, 26.6652

Protanopia

25.8430, -1.8946, 1.0147

Deuteranopia

25.1380, -5.9840, 6.0180



Tritanopia

19.8570, -6.3385, 26.4354

Trichromacy



Original Color

19.5950, -2.2653, 26.6652

Protanomaly

23.1970, -2.0691, 10.3512

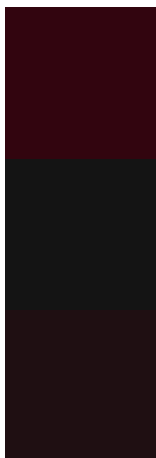
Deuteranomaly

23.2360, -4.5533, 13.8250

Tritanomaly

19.6120, -4.7387, 26.6503

Monochromacy



Original Color

19.5950, -2.2653, 26.6652

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.1260, -1.0481, 9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.5950, -2.2653, 26.6652 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(50, 5, 15)` looks like.

```
.text, #text, p{  
    color:rgb(50, 5, 15)  
}
```

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(50, 5, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 5, 15) }
```

Border

The CSS property to change the border of an element to YUV 19.5950, -2.2653, 26.6652 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(50, 5, 15) }
```


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

```
.border{ border-color:rgb(50, 5, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 5, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 5, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 5, 15); box-shadow:4px  
4px 4px 4px rgb(50, 5, 15) }
```

Background

The CSS property to change the background color of an element to YUV 19.5950, -2.2653, 26.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 5, 15) }
```

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

```
.background{ background-color: rgb(50, 5,  
15) }
```

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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