

Converting Colors

YUV(58.9730, -19.2137, 2.6547)

Have a look what the booklet for
YUV(58.9730, -19.2137, 2.6547)
contains.

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Color

**YUV(58.9730, -19.2137,
2.6547)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4114
RGB	62, 65, 20
RGB Percent	24%, 25%, 8%
CMY	0.7569, 0.7451, 0.9216
CMYK	0.05, 0.00, 0.69, 0.75
HSL	64°, 53%, 17%
HSV	64°, 69%, 25%
XYZ	4.0032, 4.8552, 1.3880
YIQ	58.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

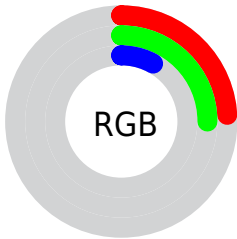
Format	Color
R_{YB}	20, 65, 23
Decimal	4079892
CIE _{Lab}	26.32, -8.44, 26.24
CIE _{LCh}	26, 27.567, 107.834
Yxy	4.8552, 0.3907, 0.4738
Android (android.graphics.Color)	4282269972 (0xFF3E4114)
YUV	58.9730, -19.2137, 2.6547
Hunter-Lab	22.0346, -6.1313, 11.6895

Details

The YUV color **58.9730, -19.2137, 2.6547** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.0270, 19.2137, -2.6547**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9300, -20.6715, 3.5694**, and **17.3880, -8.5723, -3.8483** is the 20% darker color. If you saturate the color by 10%, you get **58.2890, -21.8345, 3.2545**, and if you desaturate by 10%, it is **59.6570, -16.5929, 2.0548**.

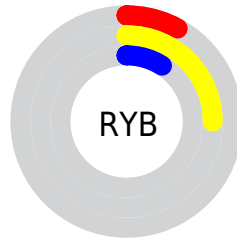
Distribution



 Red (24%)

 Green (25%)

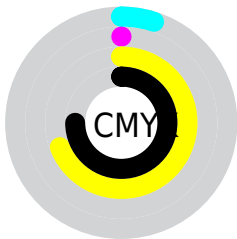
 Blue (8%)




 Red (8%)

 Yellow (25%)

 Blue (9%)

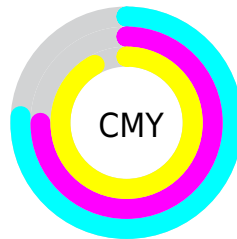


 Cyan (5%)

 Magenta (0%)

 Yellow (69%)

 Black (75%)



 Cyan (76%)

 Magenta (75%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9730, -19.2137, 2.6547 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 58.9730, -19.2137, 2.6547 by changing the saturation by 10% instead.

■ 58.9730, -19.2137,
2.6547

■ 58.9730, -19.2137,
2.6547

■ 254.4300, -2.1840,
0.4999

■ 37.2010, -18.3401,
2.4547

■ 106.9300,
-20.6715, 3.5694

■ 17.3880, -8.5723,
-3.8483

■ 132.1150,
-21.2557, 4.2841

■ 0.0000, 0.0000,
0.0000


■ 158.3000,
-21.8399, 4.9989


■ 185.0720,
-22.7135, 5.1989


■ 212.9580,
-23.1503, 5.2988


■ 241.7300,


-24.0239, 5.4988


 251.1240,
-14.8511, 3.3993


 58.9730, -19.2137,
2.6547


 58.9730, -19.2137,
2.6547


 58.2890, -21.8345,
3.2545


 59.6570, -16.5929,
2.0548


 57.1920, -24.7447,
3.3396


 60.7540, -13.6827,
1.9697

 56.5080, -27.3654,
3.9395

 61.5520, -10.6251,
1.2699

 56.3940, -27.8022,
4.0395

 62.5350, -8.1518,
1.2848

 63.3330, -5.0942,
0.5850

■ 64.3160, -2.6208,
0.5999

■ 65.1140, 0.4368,
-0.1000

■ 65.7980, 3.0576,
-0.6998

■ 66.8950, 5.9678,
-0.7849

Harmonies

Analogous

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



60.5450, -19.9887, 17.9390



58.9730, -19.2137, 2.6547



56.2140, -11.4445, -15.9737

Triad

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



58.9730, -19.2137, 2.6547



52.2790, 20.0755, -45.8487



63.6260, 4.1284, 29.2690

Complementary

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



58.9730, -19.2137, 2.6547



26.0270, 19.2137, -2.6547

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.



64.5190, 13.0551, 12.6998



58.9730, -19.2137, 2.6547



51.0710, 25.6010, -44.7893

Square

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



58.9730, -19.2137, 2.6547



51.2870, 11.1975, -44.9787



61.4990, 19.9670, -10.9616



61.8410, -5.3446, 34.3424

Rectangle

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



58.9730, -19.2137, 2.6547



51.3950, -2.6597, -33.6724



61.4990, 19.9670, -10.9616



64.1030, 7.3442, 24.4657

Sweetspot

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



58.9730, -19.2137, 2.6547



81.6490, -7.7150, 1.1848



35.2160, -7.5015, 26.1206



41.8600, -4.3680, 0.9998



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



58.9730, -19.2137, 2.6547



74.5250, -29.8388, 3.9246



52.3950, -15.9707, -10.8704



32.6580, -1.3104, 0.2999



83.8490, -41.3376, 5.3944



193.9790, -95.6316, 13.1734

Inverse Universe

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



26.0270, 19.2137, -2.6547



23.4750, 29.8388, -3.9246



32.6050, 15.9707, 10.8704



30.3420, 1.3104, -0.2999



12.8520, 41.4850, -6.0092



30.0210, 95.6316, -13.1734

Previews

White Background



This preview shows how the YUV color 58.9730, -19.2137, 2.6547 looks on a white background.

Color Contrast Check

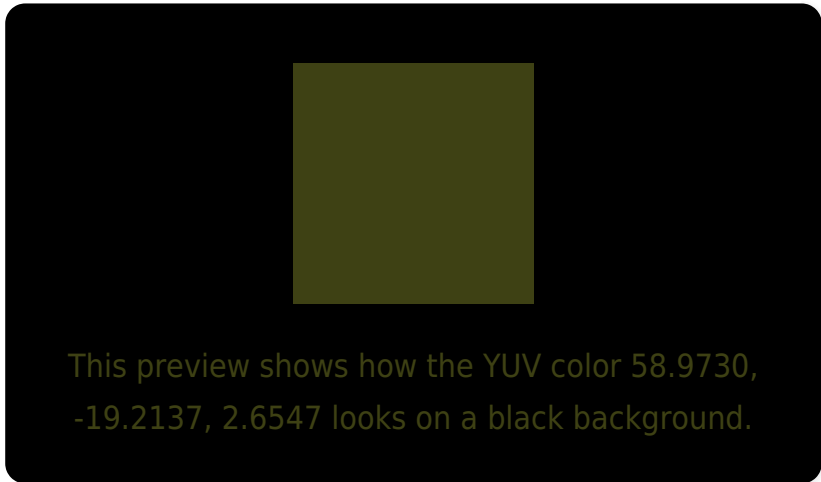
Large Text (above 18pt) WCAG AA ✓ Pass

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

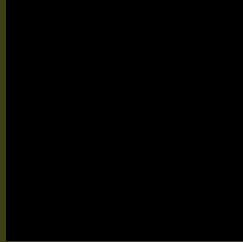
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9730, -19.2137, 2.6547

Background



This preview shows how black text looks on a background with the YUV color 58.9730, -19.2137, 2.6547.



This preview shows how white text looks on a background with the YUV color 58.9730, -19.2137,

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

58.9730, -19.2137, 2.6547

Protanopia

59.4900, -19.9616, 9.2173

Deuteranopia

60.4630, -18.9623, 15.3799



Tritanopia

62.9510, 1.0102, 2.6740

Trichromacy



Original Color

58.9730, -19.2137, 2.6547

Protanomaly

59.1800, -19.8087, 6.8581

Deuteranomaly

59.7290, -19.0934, 10.7617

Tritanomaly

61.4150, -6.1206, 3.1440

Monochromacy



Original Color

58.9730, -19.2137, 2.6547

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9730, -19.2137, 2.6547 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(62, 65, 20)` looks like.

```
.text, #text, p{  
    color:rgb(62, 65, 20)  
}
```

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(62, 65, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 65, 20) }
```

Border

The CSS property to change the border of an element to YUV 58.9730, -19.2137, 2.6547 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(62, 65, 20) }
```


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

```
.border{ border-color:rgb(62, 65, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 65, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 65, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 65, 20);  
box-shadow:4px 4px 4px 4px rgb(62, 65, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.9730, -19.2137, 2.6547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 65, 20) }
```

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

```
.background{ background-color: rgb(62, 65,  
20) }
```

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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