

Converting Colors

YUV(58.9850, -10.8386,
-23.6658)

Have a look what the booklet for
YUV(58.9850, -10.8386, -23.6658)
contains.

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Color

**YUV(58.9850, -10.8386,
-23.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	204D25
RGB	32, 77, 37
RGB Percent	13%, 30%, 15%
CMY	0.8745, 0.6980, 0.8549
CMYK	0.58, 0.00, 0.52, 0.70
HSL	127°, 41%, 21%
HSV	127°, 58%, 30%
XYZ	3.5835, 5.7484, 2.6709
YIQ	58.9850, -13.9800, -21.9800

Conversions

Conversions Part 2

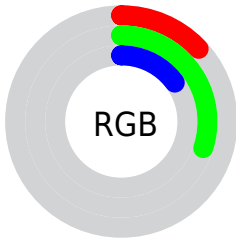
Format	Color
R_{YB}	32, 73, 77
Decimal	2116901
CIE _{Lab}	28.77, -25.31, 19.08
CIE _{LCh}	29, 31.693, 142.996
Y _{xy}	5.7484, 0.2986, 0.4789
Android (android.graphics.Color)	4280306981 (0xFF204D25)
YUV	58.9850, -10.8386, -23.6658
Hunter-Lab	23.9758, -15.2788, 10.1781

Details

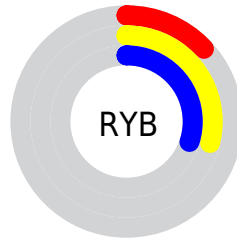
The YUV color **58.9850, -10.8386, -23.6658** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.0150, 10.8386, 23.6658**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2300, -12.4384, -23.8807**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **55.7950, -12.7169, -27.8842**, and if you desaturate by 10%, it is **62.1750, -8.9603, -19.4475**.

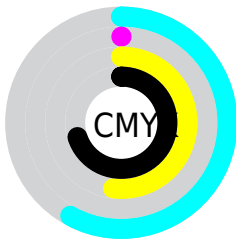
Distribution



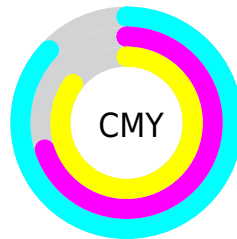
- Red (13%)
- Green (30%)
- Blue (15%)



- Red (13%)
- Yellow (29%)
- Blue (30%)



- Cyan (58%)
- Magenta (0%)
- Yellow (52%)
- Black (70%)



- Cyan (87%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9850, -10.8386, -23.6658 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 58.9850, -10.8386, -23.6658 by changing the saturation by 10% instead.

■ 58.9850, -10.8386,
-23.6658

■ 58.9850, -10.8386,
-23.6658

255.0000, 0.0000,
0.0000

■ 35.0170, -9.3754,
-26.3249

■ 108.2300,
-12.4384, -23.8807

■ 19.3710, -9.5499,
-16.9884

■ 133.7030,
-13.1646, -24.2955

■ 0.0000, 0.0000,
0.0000

■ 160.1760,
-13.8908, -24.7104

■ 186.8770,
-13.7434, -25.3251

■ 215.3500,
-14.4695, -25.7399

■ 237.9530,

-12.3018, -21.0068

■ 249.9300, -3.9095,
-6.0776

■ 58.9850, -10.8386,
-23.6658

■ 58.9850, -10.8386,
-23.6658

■ 55.7950, -12.7169,
-27.8842

■ 62.1750, -8.9603,
-19.4475

■ 52.9040, -14.7427,
-31.4878

■ 65.0660, -6.9345,
-15.8439

■ 49.7140, -16.6210,
-35.7062

■ 68.2560, -5.0562,
-11.6255

■ 46.6380, -18.0625,
-40.0245

■ 71.3320, -3.6147,
-7.3072

■ 46.2250, -18.3519,
-40.5393

■ 74.5220, -1.7363,
-3.0888

■ 77.4130, 0.2894,
0.5148

■ 80.6030, 2.1677,
4.7332

■ 83.7930, 4.0461,
8.9515

■ 86.6840, 6.0718,
12.5551

Harmonies

Analogous

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



63.2670, -21.8236, -0.2342



58.9850, -10.8386, -23.6658



53.3270, 3.7828, -46.7678

Triad

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



58.9850, -10.8386, -23.6658



55.4880, 29.8324, -48.6630



66.7770, -8.2711, 39.6606

Complementary

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



58.9850, -10.8386, -23.6658



50.0150, 10.8386, 23.6658

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.



68.1430, 3.3805, 35.8316



58.9850, -10.8386, -23.6658



68.0910, 22.1401, -7.9728

Square

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



58.9850, -10.8386, -23.6658



57.2830, 24.0175, -50.2372



70.3780, 13.6176, 18.9625



66.6870, -18.5797, 32.7235

Rectangle

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



58.9850, -10.8386, -23.6658



55.8520, 10.9190, -48.9822



70.3780, 13.6176, 18.9625



67.4010, -4.6347, 39.9903

Sweetspot

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



58.9850, -10.8386, -23.6658



92.2070, -4.0461, -8.9515



70.6740, -19.0663, 2.0399



46.5710, -2.7465, -5.7628



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



58.9850, -10.8386, -23.6658



71.4150, -16.4736, -36.3210



61.4930, -1.2290, -25.8654



36.4620, -0.7208, -2.1592



61.1280, -24.7131, -53.6093



137.9740, -55.2032, -121.0032

Inverse Universe

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



50.0150, 10.8386, 23.6658



57.6990, 16.9104, 36.2210



47.5070, 1.2290, 25.8654



35.6520, 1.1576, 2.0592



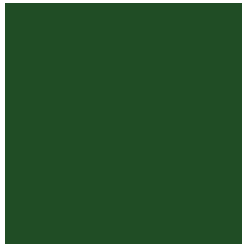
40.8720, 24.7131, 53.6093



92.0260, 55.2032, 121.0032

Previews

White Background



This preview shows how the YUV color 58.9850, -10.8386, -23.6658 looks on a white background.

Color Contrast Check

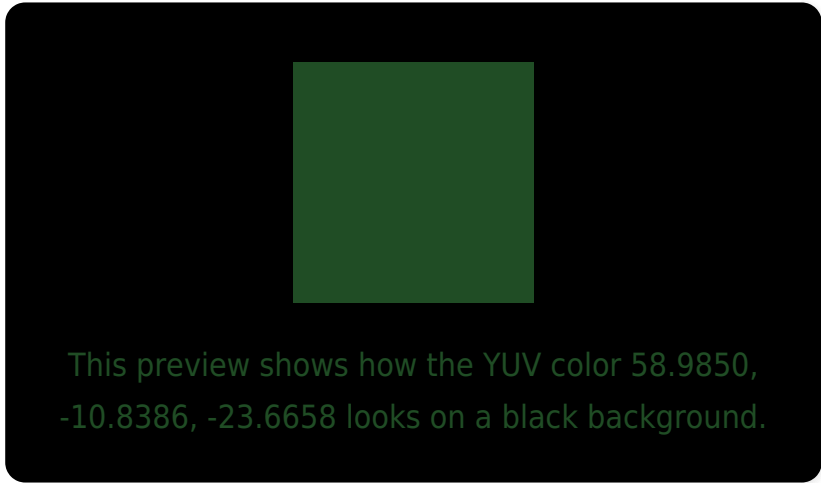
Large Text (above 18pt) WCAG AA ✓ Pass

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

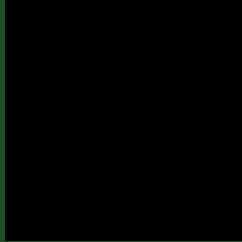
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9850, -10.8386, -23.6658

Background



This preview shows how black text looks on a background with the YUV color 58.9850, -10.8386, -23.6658.



This preview shows how white text looks on a background with the YUV color 58.9850, -10.8386, -23.6658.

-23.6658.

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

58.9850, -10.8386, -23.6658

Protanopia

66.2170, -15.8830, 7.7027

Deuteranopia

67.2330, -13.4259, 12.9507



Tritanopia

64.3010, 6.7536, -19.5580

Trichromacy



Original Color

58.9850, -10.8386, -23.6658

Protanomaly

63.3080, -13.9558, -3.7781

Deuteranomaly

64.0850, -12.3669, -0.0745

Tritanomaly

61.9820, 0.5019, -21.0322

Monochromacy



Original Color

58.9850, -10.8386, -23.6658

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2070, -4.0461, -8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9850, -10.8386, -23.6658 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(32, 77, 37)` looks like.

```
.text, #text, p{  
    color:rgb(32, 77, 37)  
}
```

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(32, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 77, 37) }
```

Border

The CSS property to change the border of an element to YUV 58.9850, -10.8386, -23.6658 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(32, 77, 37) }
```


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

```
.border{ border-color:rgb(32, 77, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 77, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(32, 77, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.9850, -10.8386, -23.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 77, 37) }
```

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

```
.background{ background-color: rgb(32, 77,  
37) }
```

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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