

Converting Colors

YUV(98.2500, -19.8432,
-75.6412)

Have a look what the booklet for
YUV(98.2500, -19.8432, -75.6412)
contains.

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Color

**YUV(98.2500, -19.8432,
-75.6412)**

Conversions

Conversions Part 1

Format	Color
Hex	0C963A
RGB	12, 150, 58
RGB Percent	5%, 59%, 23%
CMY	0.9529, 0.4118, 0.7725
CMYK	0.92, 0.00, 0.61, 0.41
HSL	140°, 85%, 32%
HSV	140°, 92%, 59%
XYZ	11.8217, 22.1963, 7.6642
YIQ	98.2500, -52.7160, -57.8680

Conversions

Conversions Part 2

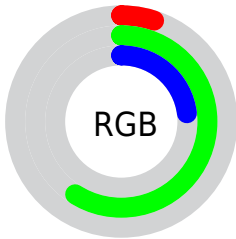
Format	Color
R_{YB}	12, 116, 150
Decimal	824890
CIE _{Lab}	54.23, -53.15, 38.52
CIE _{LCh}	54, 65.640, 144.071
Yxy	22.1963, 0.2836, 0.5325
Android (android.graphics.Color)	4279014970 (0xFF0C963A)
YUV	98.2500, -19.8432, -75.6412
Hunter-Lab	47.1130, -37.6582, 23.3339

Details

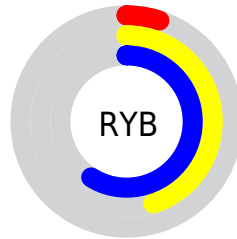
The YUV color **98.2500, -19.8432, -75.6412** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **63.7500, 19.8433, 75.6412**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2580, -25.2702, -61.6163**, and **57.9820, -26.6131, -50.8502** is the 20% darker color. If you saturate the color by 10%, you get **93.7500, -21.5688, -82.2188**, and if you desaturate by 10%, it is **103.8750, -17.6864, -67.4194**.

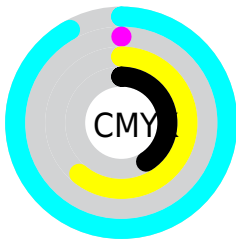
Distribution



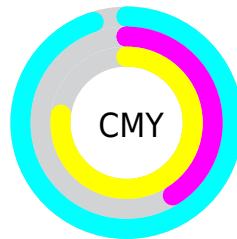
- Red (5%)
- Green (59%)
- Blue (23%)



- Red (5%)
- Yellow (45%)
- Blue (59%)



- Cyan (92%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (95%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.2500, -19.8432, -75.6412 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 98.2500, -19.8432, -75.6412 by changing the saturation by 10% instead.

■ 98.2500, -19.8432,
-75.6412

■ 98.2500, -19.8432,
-75.6412

255.0000, 0.0000,
0.0000

■ 75.9630, -21.1808,
-66.6196

■ 159.2580,
-25.2702, -61.6163

■ 57.9820, -26.6131,
-50.8502

■ 188.2150,
-26.7280, -60.7016

■ 42.2640, -20.8362,
-37.0655

■ 212.2910,
-25.2865, -56.3832

■ 28.7630, -14.1802,
-25.2252

■ 224.1540,
-17.3309, -41.3541

■ 13.5010, -6.6560,
-11.8404

■ 236.3160, -9.5228,
-25.7101

■ 0.0000, 0.0000,
0.0000

■ 248.5920, -1.2779,

-10.1662

■ 98.2500, -19.8432,
-75.6412

■ 98.2500, -19.8432,
-75.6412

■ 93.7500, -21.5688,
-82.2188

■ 103.8750,
-17.6864, -67.4194

■ 109.5000,
-15.5295, -59.1975

■ 115.1250,
-13.3726, -50.9756

■ 120.7500,
-11.2157, -42.7537

■ 126.3750, -9.0589,
-34.5319

■ 132.0000, -6.9020,
-26.3100

■ 137.6250, -4.7451,
-18.0881

■ 143.2500, -2.5882,
-9.8663

■ 148.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



115.6680, -57.0243, -3.2168



98.2500, -19.8432, -75.6412



104.2090, 5.8130, -91.3913

Triad

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



98.2500, -19.8432, -75.6412



109.8820, 65.6272, -96.3665



122.1150, -17.3117, 92.8611

Complementary

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



98.2500, -19.8432, -75.6412



63.7500, 19.8433, 75.6412

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.



124.3680, 9.1856, 87.3773



98.2500, -19.8432, -75.6412



128.2120, 52.1535, -21.2339

Square

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



98.2500, -19.8432, -75.6412



113.8310, 52.8343, -99.8298



132.0760, 32.0075, 47.2913



123.6970, -43.7276, 72.1797

Rectangle

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



98.2500, -19.8432, -75.6412



109.3560, 22.9955, -95.9052



132.0760, 32.0075, 47.2913



121.9440, -7.8604, 94.7651

Sweetspot

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



98.2500, -19.8432, -75.6412



173.7500, -7.7648, -29.5987



120.5140, -53.4974, -14.4828



84.6250, -4.7451, -18.0881



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



98.2500, -19.8432, -75.6412



121.2880, -27.7500, -106.3696



105.8880, 9.4222, -82.3398



71.3370, -1.1521, -3.8035



86.2500, -19.8433, -75.6412



6.2120, -1.5835, -5.4479

Inverse Universe

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



63.7500, 19.8433, 75.6412



72.7120, 27.7500, 106.3696



55.8840, -10.2958, 82.5397



69.5490, 0.7153, 3.9035



51.7500, 19.8433, 75.6412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 98.2500, -19.8432, -75.6412 looks on a white background.

Color Contrast Check

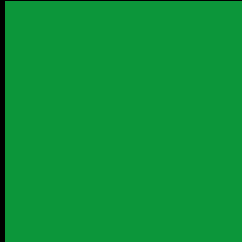
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.2500, -19.8432, -75.6412 looks on a black 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 × Fail

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

YUV 98.2500, -19.8432, -75.6412

Background



This preview shows how black text looks on a background with the YUV color 98.2500, -19.8432, -75.6412.



This preview shows how white text looks on a background with the YUV color 98.2500, -19.8432, -75.6412.

-75.6412.

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

98.2500, -19.8432, -75.6412

Protanopia

124.7070, -35.8446, 16.9200

Deuteranopia

126.9670, -30.0567, 27.2159



Tritanopia

118.3340, 16.5973, -50.2819

Trichromacy



Original Color

98.2500, -19.8432, -75.6412



Protanomaly

115.2790, -30.2105, -16.9077



Deuteranomaly

116.6480, -26.4485, -10.2153



Tritanomaly

110.8370, 3.5314, -59.4930

Monochromacy



Original Color

98.2500, -19.8432, -75.6412



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.1740, -7.4808, -27.3396

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.2500, -19.8432, -75.6412 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(12, 150, 58)` looks like.

```
.text, #text, p{  
    color:rgb(12, 150, 58)  
}
```

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(12, 150, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 150, 58) }
```

Border

The CSS property to change the border of an element to YUV 98.2500, -19.8432, -75.6412 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(12, 150, 58) }
```


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

```
.border{ border-color:rgb(12, 150, 58) }
```

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

Here you see how a box with a 4 pixel rgb(12, 150, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 150, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 150, 58);  
box-shadow:4px 4px 4px 4px rgb(12, 150,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 98.2500, -19.8432, -75.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 150, 58) }
```

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

```
.background{ background-color: rgb(12, 150,  
58) }
```

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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