

Converting Colors

YUV(63.3900, 18.5417,
-20.5130)

Have a look what the booklet for
YUV(63.3900, 18.5417, -20.5130)
contains.

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Color

**YUV(63.3900, 18.5417,
-20.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	284465
RGB	40, 68, 101
RGB Percent	16%, 27%, 40%
CMY	0.8431, 0.7333, 0.6039
CMYK	0.60, 0.33, 0.00, 0.60
HSL	212°, 43%, 28%
HSV	212°, 60%, 40%
XYZ	5.2912, 5.5249, 13.0995
YIQ	63.3900, -27.2810, 4.3270

Conversions

Conversions Part 2

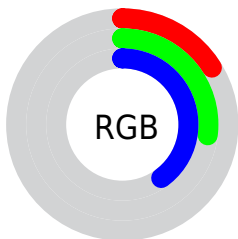
Format	Color
R_YB	40, 59, 101
Decimal	2638949
CIE _{Lab}	28.18, 0.48, -22.56
CIE _{LCh}	28, 22.564, 271.221
Yxy	5.5249, 0.2212, 0.2310
Android (android.graphics.Color)	4280829029 (0xFF284465)
YUV	63.3900, 18.5417, -20.5130
Hunter-Lab	23.5052, -0.9527, -16.5887

Details

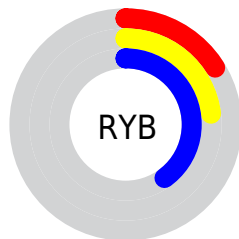
The YUV color **63.3900, 18.5417, -20.5130** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77.6100, -18.5417, 20.5130**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6290, 19.4099, -18.9686**, and **21.4180, 16.0629, -18.7836** is the 20% darker color. If you saturate the color by 10%, you get **57.4650, 21.4628, -24.0868**, and if you desaturate by 10%, it is **69.3150, 15.6207, -16.9393**.

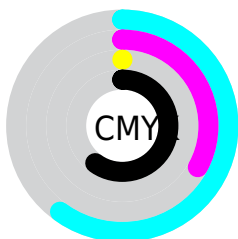
Distribution



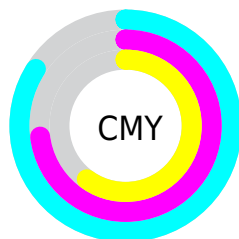
- Red (16%)
- Green (27%)
- Blue (40%)



- Red (16%)
- Yellow (23%)
- Blue (40%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3900, 18.5417, -20.5130 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 63.3900, 18.5417, -20.5130 by changing the saturation by 10% instead.

■ 63.3900, 18.5417,
-20.5130

■ 63.3900, 18.5417,
-20.5130

■ 255.0000, 0.0000,
0.0000

■ 39.3680, 18.5526,
-24.0017

■ 112.6290, 19.4099,
-18.9686

■ 21.4180, 16.0629,
-18.7836

■ 137.8570, 20.2835,
-19.1686

■ 4.9360, 13.8356,
-4.3289

■ 164.9710, 20.7203,
-19.2686

■ 0.5700, 2.1840,
-0.4999

■ 192.0850, 21.1571,
-19.3685

■ 0.0000, 0.0000,
0.0000

■ 219.1730, 17.6627,
-18.5687

■ 243.9810, 5.4324,

-15.7693

■ 63.3900, 18.5417,
-20.5130

■ 63.3900, 18.5417,
-20.5130

■ 57.4650, 21.4628,
-24.0868

■ 69.3150, 15.6207,
-16.9393

■ 50.9530, 24.6732,
-27.1458

■ 75.8270, 12.4103,
-13.8803

■ 45.0280, 27.5942,
-30.7196

■ 81.7520, 9.4893,
-10.3065

■ 38.5160, 30.8046,
-33.7785

■ 88.2640, 6.2788,
-7.2475

■ 94.4880, 3.2104,
-3.0590

■ 101.0000, 0.0000,
0.0000

■ 106.9250, -2.9210,
3.5738

■ 113.4370, -6.1314,
6.6328

■ 119.3620, -9.0525,
10.2065

Harmonies

Analogous

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



53.9090, 21.2439, -47.2782



63.3900, 18.5417, -20.5130



67.9690, 13.8193, 0.9042

Triad

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



63.3900, 18.5417, -20.5130



66.8850, -8.8173, 28.1649



60.0870, -5.4659, -20.2473

Complementary

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



63.3900, 18.5417, -20.5130



77.6100, -18.5417, 20.5130

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.



63.4220, -13.5190, -3.8781



63.3900, 18.5417, -20.5130



66.5330, -15.0528, 21.4576

Square

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



63.3900, 18.5417, -20.5130



67.6490, -0.8130, 27.4948



65.2990, -16.9094, 10.2618



53.4460, 6.6821, -43.3641

Rectangle

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



63.3900, 18.5417, -20.5130



68.3080, 9.7082, 12.8849



65.2990, -16.9094, 10.2618



61.3220, -8.5397, -14.3144

Sweetspot

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



63.3900, 18.5417, -20.5130



115.4920, 7.1524, -7.4475



79.5690, -3.2385, -34.7020



57.1180, 4.3788, -4.4885



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



63.3900, 18.5417, -20.5130



71.9570, 28.6152, -31.5343



47.5520, 26.3499, -4.8691



47.7440, 1.6052, -1.5295



44.2210, 34.8940, -38.7818



92.7450, 73.5827, -81.3374

Inverse Universe

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



61.4310, 3.2385, 34.7020



69.0080, 4.9261, 53.4900



93.4480, -26.3499, 4.8691



47.7230, 0.1366, 2.8739



40.4270, 6.1985, 65.4005



85.0120, 12.8121, 137.6785

Previews

White Background



This preview shows how the YUV color 63.3900, 18.5417, -20.5130 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 63.3900, 18.5417, -20.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

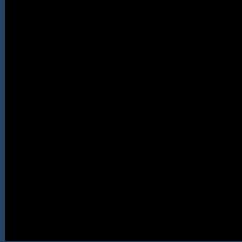
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3900, 18.5417, -20.5130

Background



This preview shows how black text looks on a background with the YUV color 63.3900, 18.5417, -20.5130.

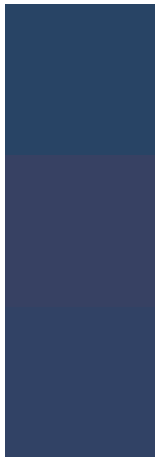


This preview shows how white text looks on a background with the YUV color 63.3900, 18.5417,

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

63.3900, 18.5417, -20.5130

Protanopia

65.8860, 16.3252, -9.5470

Deuteranopia

64.9070, 17.7938, -13.9504



Tritanopia

60.1260, 8.8119, -26.4205

Trichromacy



Original Color

63.3900, 18.5417, -20.5130

Protanomaly

65.0920, 17.2096, -13.2357

Deuteranomaly

64.5970, 17.9467, -16.3096

Tritanomaly

61.6470, 12.0060, -24.2464

Monochromacy



Original Color

63.3900, 18.5417, -20.5130

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3780, 6.7156, -7.3475

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3900, 18.5417, -20.5130 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(40, 68, 101)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 101)  
}
```

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(40, 68, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 101) }
```

Border

The CSS property to change the border of an element to YUV 63.3900, 18.5417, -20.5130 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(40, 68, 101) }
```


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

```
.border{ border-color:rgb(40, 68, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 68, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 101);  
box-shadow:4px 4px 4px 4px rgb(40, 68,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 63.3900, 18.5417, -20.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 101) }
```

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

```
.background{ background-color: rgb(40, 68,  
101) }
```

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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