

Converting Colors

YUV(63.9000, 18.2903,
-33.2383)

Have a look what the booklet for
YUV(63.9000, 18.2903, -33.2383)
contains.

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Color

**YUV(63.9000, 18.2903,
-33.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	1A4C65
RGB	26, 76, 101
RGB Percent	10%, 30%, 40%
CMY	0.8980, 0.7020, 0.6039
CMYK	0.74, 0.25, 0.00, 0.60
HSL	200°, 59%, 25%
HSV	200°, 74%, 40%
XYZ	5.3594, 6.3281, 13.2509
YIQ	63.9000, -37.8250, -2.8250

Conversions

Conversions Part 2

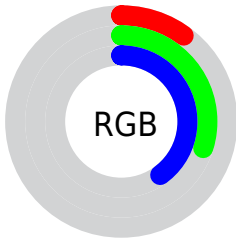
Format	Color
R_{YB}	26, 56, 101
Decimal	1723493
CIE _{Lab}	30.23, -7.52, -19.41
CIE _{LCh}	30, 20.816, 248.837
Yxy	6.3281, 0.2149, 0.2537
Android (android.graphics.Color)	4279913573 (0xFF1A4C65)
YUV	63.9000, 18.2903, -33.2383
Hunter-Lab	25.1557, -5.9931, -13.6224

Details

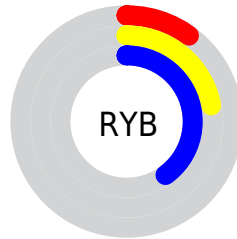
The YUV color **63.9000, 18.2903, -33.2383** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **63.1000, -18.2903, 33.2383**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6230, 18.4269, -30.3644**, and **24.9400, 14.3266, -21.8724** is the 20% darker color. If you saturate the color by 10%, you get **59.1490, 20.6325, -37.8417**, and if you desaturate by 10%, it is **68.6510, 15.9481, -28.6349**.

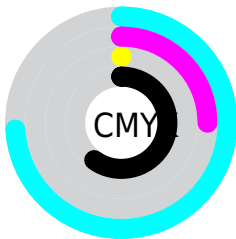
Distribution



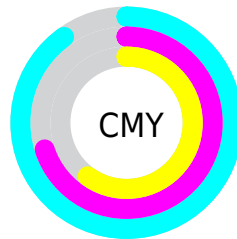
- Red (10%)
- Green (30%)
- Blue (40%)



- Red (10%)
- Yellow (22%)
- Blue (40%)



- Cyan (74%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9000, 18.2903, -33.2383 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 63.9000, 18.2903, -33.2383 by changing the saturation by 10% instead.

■ 63.9000, 18.2903,
-33.2383

■ 63.9000, 18.2903,
-33.2383

■ 255.0000, 0.0000,
0.0000

■ 39.8890, 18.2957,
-34.9827

■ 114.6230, 18.4269,
-30.3644

■ 24.9400, 14.3266,
-21.8724

■ 141.0360, 18.7163,
-29.8496

■ 6.1100, 13.2568,
-5.3585

■ 167.1500, 19.1530,
-29.9496

■ 0.6840, 2.6208,
-0.5999

■ 195.2640, 19.5898,
-30.0495

■ 0.0000, 0.0000,
0.0000

■ 222.3520, 16.0955,
-29.2497

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

63.9000, 18.2903,
-33.2383

63.9000, 18.2903,
-33.2383

59.1490, 20.6325,
-37.8417

68.6510, 15.9481,
-28.6349

53.8110, 23.2642,
-41.9302

73.9890, 13.3164,
-24.5464

50.8430, 24.7274,
-44.5893

78.7400, 10.9742,
-19.9430

83.4910, 8.6319,
-15.3396

89.1280, 5.8529,
-10.6363

■ 93.8790, 3.5107,
-6.0329

■ 99.2170, 0.8790,
-1.9443

■ 103.9680, -1.4632,
2.6591

■ 108.7190, -3.8055,
7.2624

Harmonies

Analogous

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



56.7470, 16.8867, -49.7671



63.9000, 18.2903, -33.2383



69.8640, 16.3360, -13.0357

Triad

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



63.9000, 18.2903, -33.2383



72.1820, -2.5547, 26.1504



67.3830, -11.0348, -7.3519

Complementary

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



63.9000, 18.2903, -33.2383



63.1000, -18.2903, 33.2383

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.



69.7330, -15.1514, 6.3732



63.9000, 18.2903, -33.2383



71.9340, -9.8275, 25.4909

Square

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



63.9000, 18.2903, -33.2383



73.0870, 4.8871, 19.2177



70.6250, -14.6051, 17.8689



64.7600, -2.8397, -22.5915

Rectangle

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



63.9000, 18.2903, -33.2383



72.2570, 13.6773, -0.2254



70.6250, -14.6051, 17.8689



68.5470, -13.0877, -2.2337

Sweetspot

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



63.9000, 18.2903, -33.2383



116.0460, 6.8793, -13.1953



72.8750, -10.7844, -41.1094



57.9820, 3.9529, -7.8772



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.



63.9000, 18.2903, -33.2383



72.4230, 28.3855, -51.2370



42.7680, 28.7084, -14.7055



48.3310, 1.3158, -2.0443



58.3090, 27.9487, -51.1370



122.6820, 58.8238, -107.5921

Inverse Universe

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



54.1250, 10.7844, 41.1094



57.4620, 16.5342, 63.6158



85.4060, -29.2872, 13.6759



47.8370, 0.5734, 2.7740



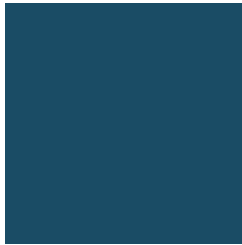
43.0490, 16.2448, 63.1010



90.7120, 34.6520, 132.6796

Previews

White Background



This preview shows how the YUV color 63.9000, 18.2903, -33.2383 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 63.9000, 18.2903, -33.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

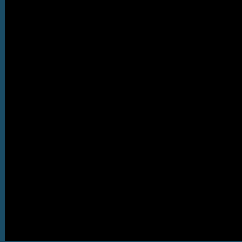
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9000, 18.2903, -33.2383

Background



This preview shows how black text looks on a background with the YUV color 63.9000, 18.2903, -33.2383.



This preview shows how white text looks on a background with the YUV color 63.9000, 18.2903, -33.2383.

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

63.9000, 18.2903, -33.2383

Protanopia

70.8710, 12.3886, -6.9029

Deuteranopia

70.3590, 15.5990, -9.9618



Tritanopia

58.7540, 12.9393, -43.6343

Trichromacy



Original Color

63.9000, 18.2903, -33.2383

Protanomaly

68.3860, 14.5997, -16.1245

Deuteranomaly

67.9450, 16.7891, -18.3688

Tritanomaly

60.6450, 14.9650, -40.0307

Monochromacy



Original Color

63.9000, 18.2903, -33.2383

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.6440, 6.5845, -11.9658

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9000, 18.2903, -33.2383 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(26, 76, 101)` looks like.

```
.text, #text, p{  
    color:rgb(26, 76, 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(26, 76, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 76, 101) }
```

Border

The CSS property to change the border of an element to YUV 63.9000, 18.2903, -33.2383 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(26, 76, 101) }
```


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

```
.border{ border-color:rgb(26, 76, 101) }
```

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

Here you see how a box with a 4 pixel rgb(26, 76, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 76, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 76, 101);  
box-shadow:4px 4px 4px 4px rgb(26, 76,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 63.9000, 18.2903, -33.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 76, 101) }
```

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

```
.background{ background-color: rgb(26, 76,  
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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