

Converting Colors

YUV(51.2190, 21.0910,
-44.9191)

Have a look what the booklet for
YUV(51.2190, 21.0910, -44.9191)
contains.

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Color

**YUV(51.2190, 21.0910,
-44.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	00455E
RGB	0, 69, 94
RGB Percent	0%, 27%, 37%
CMY	1.0000, 0.7294, 0.6314
CMYK	1.00, 0.27, 0.00, 0.63
HSL	196°, 100%, 18%
HSV	196°, 100%, 37%
XYZ	4.1485, 5.0644, 11.3486
YIQ	51.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

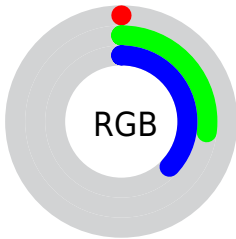
Format	Color
R_{YB}	0, 40, 94
Decimal	17758
CIE _{Lab}	26.92, -8.95, -20.13
CIE _{LCh}	27, 22.024, 246.037
Yxy	5.0644, 0.2018, 0.2463
Android (android.graphics.Color)	4278207838 (0xFF00455E)
YUV	51.2190, 21.0910, -44.9191
Hunter-Lab	22.5042, -6.4771, -14.1461

Details

The YUV color **51.2190, 21.0910, -44.9191** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.7810, -21.0910, 44.9191**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9430, 19.7481, -34.1530**, and **20.7340, 13.4421, -18.1837** is the 20% darker color. If you saturate the color by 10%, you get **51.2190, 21.0910, -44.9191**, and if you desaturate by 10%, it is **55.0840, 19.1856, -40.4157**.

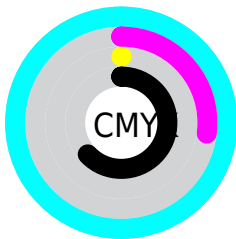
Distribution



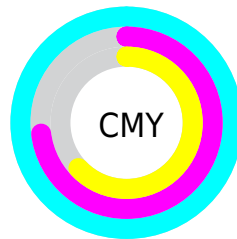
- Red (0%)
- Green (27%)
- Blue (37%)



- Red (0%)
- Yellow (16%)
- Blue (37%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2190, 21.0910, -44.9191 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 51.2190, 21.0910, -44.9191 by changing the saturation by 10% instead.

■ 51.2190, 21.0910,
-44.9191

■ 51.2190, 21.0910,
-44.9191

■ 255.0000, 0.0000,
0.0000

■ 35.5690, 16.9745,
-31.1940

■ 104.9430, 19.7481,
-34.1530

■ 20.7340, 13.4421,
-18.1837

■ 131.2420, 19.6007,
-33.5382

■ 3.6650, 11.5042,
-3.2142

■ 157.6550, 19.8901,
-33.0234

■ 0.0000, 0.0000,
0.0000

■ 184.7690, 20.3269,
-33.1234

■ 212.8830, 20.7637,
-33.2234

■ 238.2780, 8.2439,

-30.9388

■ 248.1230, 3.3904,
-14.1399

■ 51.2190, 21.0910,
-44.9191

■ 55.0840, 19.1856,
-40.4157

■ 59.8350, 16.8433,
-35.8123

■ 64.2870, 14.6485,
-31.8237

■ 68.4510, 12.5957,
-26.7055

■ 72.9030, 10.4008,
-22.7169

■ 76.7680, 8.4954,
-18.2135

■ 81.5190, 6.1531,
-13.6102

■ 85.3840, 4.2477,
-9.1068

■ 90.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



51.7260, 15.4181, -45.3637



51.2190, 21.0910, -44.9191



61.4830, 17.5099, -16.2096

Triad

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



51.2190, 21.0910, -44.9191



64.7090, -1.8285, 26.5652



59.8670, -11.7664, -6.0224

Complementary

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



51.2190, 21.0910, -44.9191



42.7810, -21.0910, 44.9191

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.



62.1030, -16.3198, 7.8027



51.2190, 21.0910, -44.9191



63.7600, -9.2487, 26.5205

Square

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



51.2190, 21.0910, -44.9191



65.4290, 6.1975, 18.9178



63.2230, -14.8999, 19.0984



56.5320, -3.7133, -22.3916

Rectangle

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



51.2190, 21.0910, -44.9191



64.4740, 14.5563, -2.1697



63.2230, -14.8999, 19.0984



60.7320, -13.6719, -1.5190

Sweetspot

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



51.2190, 21.0910, -44.9191



105.9530, 7.9112, -17.4988



57.9140, -16.7196, -50.7906



50.9000, 4.9793, -10.4363



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



51.2190, 21.0910, -44.9191



66.7380, 27.2442, -58.5292



24.8040, 34.1136, -21.7531



43.9180, 1.0264, -2.5591



59.5000, 24.8965, -52.1815



129.1560, 53.1671, -113.2698

Inverse Universe

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



35.9720, 16.2828, 50.8906



46.7380, 21.3282, 66.0048



69.7830, -34.4030, 21.2383



42.9510, 1.0102, 2.6740



42.0100, 18.7291, 59.6272



90.6990, 41.0674, 128.3060

Previews

White Background



This preview shows how the YUV color 51.2190, 21.0910, -44.9191 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 51.2190, 21.0910, -44.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

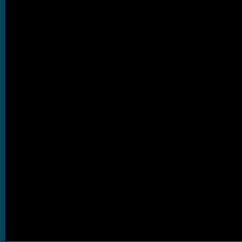
Any Text WCAG AA × Fail

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 51.2190, 21.0910, -44.9191 Background



This preview shows how black text looks on a background with the YUV color 51.2190, 21.0910, -44.9191.

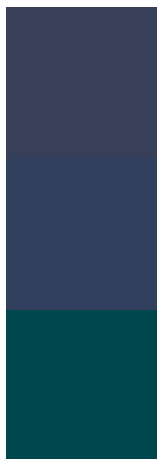


This preview shows how white text looks on a background with the YUV color 51.2190, 21.0910,

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



Protanopia

63.8710, 12.3886, -6.9029

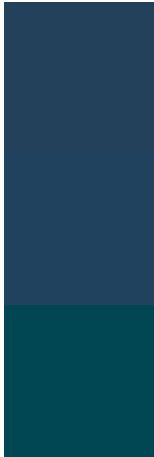
Deuteranopia

63.3480, 15.6044, -11.7062

Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Protanomaly

59.2930, 15.6316, -20.4280

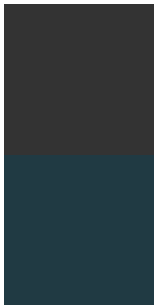
Deuteranomaly

59.1400, 17.6790, -23.8018

Tritanomaly

50.5520, 15.9969, -44.3341

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2190, 21.0910, -44.9191 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(0, 69, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 94)  
}
```

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(0, 69, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 94) }
```

Border

The CSS property to change the border of an element to YUV 51.2190, 21.0910, -44.9191 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(0, 69, 94) }
```

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

```
.border{ border-color:rgb(0, 69, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 94); box-shadow:4px  
4px 4px 4px rgb(0, 69, 94) }
```


Background

The CSS property to change the background color of an element to YUV 51.2190, 21.0910, -44.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 94) }
```

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

```
.background{ background-color: rgb(0, 69,  
94) }
```

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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