

Converting Colors

YUV(64.4310, 6.1965, -27.5650)

Have a look what the booklet for
YUV(64.4310, 6.1965, -27.5650)
contains.

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Color

**YUV(64.4310, 6.1965,
-27.5650)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 214E4D |
| RGB | 33, 78, 77 |
| RGB Percent | 13%, 31%, 30% |
| CMY | 0.8706, 0.6941, 0.6980 |
| CMYK | 0.58, 0.00, 0.01, 0.69 |
| HSL | 179°, 41%, 22% |
| HSV | 179°, 58%, 31% |
| XYZ | 4.6911, 6.3079, 7.9915 |
| YIQ | 64.4310, -26.4990, -9.8510 |

Conversions

Conversions Part 2

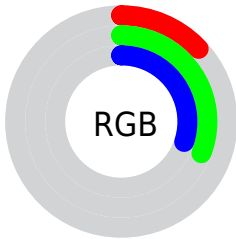
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 33, 56, 78 |
| Decimal | 2182733 |
| CIELab | 30.18, -15.63, -4.12 |
| CIELCh | 30, 16.164, 194.778 |
| Yxy | 6.3079, 0.2470, 0.3322 |
| Android (android.graphics.Color) | 4280372813 (0xFF214E4D) |
| YUV | 64.4310, 6.1965, -27.5650 |
| Hunter-Lab | 25.1156, -10.6117, -1.2844 |

Details

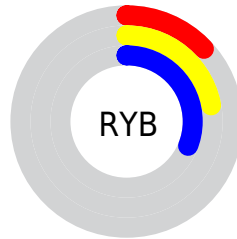
The YUV color **64.4310, 6.1965, -27.5650** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **46.5690, -6.1965, 27.5650**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4310, 6.1965, -27.5650**, and **23.1330, 4.8644, -20.2876** is the 20% darker color. If you saturate the color by 10%, you get **62.0390, 7.3758, -32.4832**, and if you desaturate by 10%, it is **66.8230, 5.0173, -22.6468**.

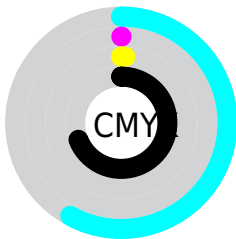
Distribution



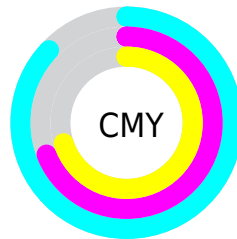
- Red (13%)
- Green (31%)
- Blue (30%)



- Red (13%)
- Yellow (22%)
- Blue (31%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4310, 6.1965, -27.5650 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 64.4310, 6.1965, -27.5650 by changing the saturation by 10% instead.

64.4310, 6.1965,
-27.5650

64.4310, 6.1965,
-27.5650

255.0000, 0.0000,
0.0000

39.9360, 6.9336,
-30.6389

113.4310, 6.1965,
-27.5650

23.1330, 4.8644,
-20.2876

139.4310, 6.1965,
-27.5650

2.4280, 4.2260,
-2.1294

166.0180, 5.9071,
-28.0798

0.0000, 0.0000,
0.0000

193.7190, 6.0545,
-28.6946

221.4200, 6.2019,
-29.3093

243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

64.4310, 6.1965,
-27.5650

64.4310, 6.1965,
-27.5650

62.0390, 7.3758,
-32.4832

66.8230, 5.0173,
-22.6468

59.6470, 8.5550,
-37.4014

69.2150, 3.8380,
-17.7286

57.4400, 9.1501,
-41.6049

71.4220, 3.2430,
-13.5251

55.0480, 10.3293,
-46.5231

73.8140, 2.0637,
-8.6069

54.4500, 10.6242,
-47.7526

76.2060, 0.8844,
-3.6887

■ 78.5980, -0.2948,
1.2296

■ 80.9900, -1.4741,
6.1478

■ 83.0830, -2.5059,
10.4512

■ 85.5890, -3.2484,
15.2694

Harmonies

Analogous

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



66.5370, -1.2507, -18.8879



64.4310, 6.1965, -27.5650



64.7990, 11.4381, -28.7647

Triad

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



64.4310, 6.1965, -27.5650



73.1070, 7.8352, 6.9222



70.9880, -11.8261, 13.1655

Complementary

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



64.4310, 6.1965, -27.5650



46.5690, -6.1965, 27.5650

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.



71.8300, -8.7902, 19.4431



64.4310, 6.1965, -27.5650



72.7940, 2.5666, 16.8437

Square

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



64.4310, 6.1965, -27.5650



71.0560, 11.8044, -6.1881



72.5080, -3.7014, 20.6025



69.7480, -11.2148, 3.7290

Rectangle

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



64.4310, 6.1965, -27.5650



66.5870, 13.0216, -23.3168



72.5080, -3.7014, 20.6025



71.5260, -11.1053, 15.3247

Sweetspot

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



64.4310, 6.1965, -27.5650



96.9170, 2.5059, -10.4512



60.0130, -13.3174, -21.9364



48.0100, 1.4741, -6.1478



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.



64.4310, 6.1965, -27.5650



80.8420, 9.4449, -42.8344



52.2180, 12.7105, -16.8542



36.8040, 0.5896, -2.4591



71.2740, 14.1619, -62.5073



160.5460, 31.2828, -140.7988

Inverse Universe

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



46.5690, -6.1965, 27.5650



53.0440, -9.8817, 42.9344



58.7820, -12.7105, 16.8542



35.3100, -0.1528, 2.3591



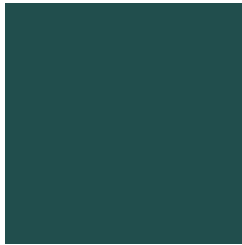
30.7260, -14.1619, 62.5073



69.3400, -31.7196, 140.8988

Previews

White Background



This preview shows how the YUV color 64.4310, 6.1965, -27.5650 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 64.4310, 6.1965, -27.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

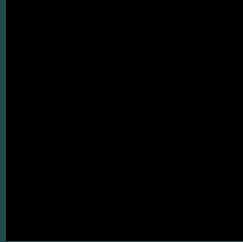
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4310, 6.1965, -27.5650

Background



This preview shows how black text looks on a background with the YUV color 64.4310, 6.1965, -27.5650.



This preview shows how white text looks on a background with the YUV color 64.4310, 6.1965, -27.5650.

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

64.4310, 6.1965, -27.5650

Protanopia

70.8260, 0.5788, 1.0296

Deuteranopia

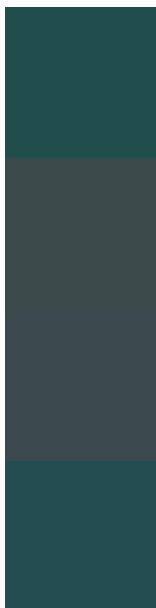
71.6350, 3.6309, 2.0741



Tritanopia

65.4250, 8.6645, -25.8057

Trichromacy



Original Color

64.4310, 6.1965, -27.5650

Protanomaly

68.6290, 2.6479, -9.3216

Deuteranomaly

68.7970, 4.5371, -8.5920

Tritanomaly

64.8980, 7.9383, -26.2205

Monochromacy



Original Color

64.4310, 6.1965, -27.5650

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2160, 2.3585, -9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4310, 6.1965, -27.5650 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(33, 78, 77)` looks like.

```
.text, #text, p{  
    color:rgb(33, 78, 77)  
}
```

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(33, 78, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 78, 77) }
```

Border

The CSS property to change the border of an element to YUV 64.4310, 6.1965, -27.5650 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(33, 78, 77) }
```


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

```
.border{ border-color:rgb(33, 78, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 78, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 78, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 78, 77);  
box-shadow:4px 4px 4px 4px rgb(33, 78, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.4310, 6.1965, -27.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 78, 77) }
```

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

```
.background{ background-color: rgb(33, 78,  
77) }
```

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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