

Converting Colors

YUV(55.6020, 0.1962, -16.3140)

Have a look what the booklet for
YUV(55.6020, 0.1962, -16.3140)
contains.

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Color

**YUV(55.6020, 0.1962,
-16.3140)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 254138 |
| RGB | 37, 65, 56 |
| RGB Percent | 15%, 25%, 22% |
| CMY | 0.8549, 0.7451, 0.7804 |
| CMYK | 0.43, 0.00, 0.14, 0.75 |
| HSL | 161°, 27%, 20% |
| HSV | 161°, 43%, 25% |
| XYZ | 3.3671, 4.4594, 4.4247 |
| YIQ | 55.6020, -13.7990, -8.7350 |

Conversions

Conversions Part 2

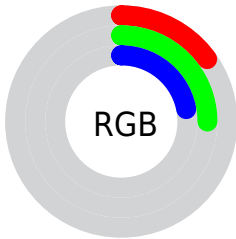
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 37, 54, 65 |
| Decimal | 2441528 |
| CIE Lab | 25.14, -13.10, 2.16 |
| CIE LCh | 25, 13.273, 170.620 |
| Yxy | 4.4594, 0.2748, 0.3640 |
| Android (android.graphics.Color) | 4280631608 (0xFF254138) |
| YUV | 55.6020, 0.1962, -16.3140 |
| Hunter-Lab | 21.1174, -8.4945, 2.3593 |

Details

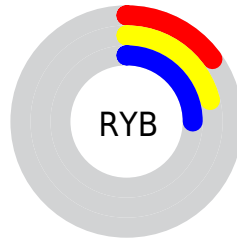
The YUV color **55.6020, 0.1962, -16.3140** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.3980, -0.1962, 16.3140**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8900, 0.0542, -17.4435**, and **14.9830, -0.9776, -13.1401** is the 20% darker color. If you saturate the color by 10%, you get **53.5800, 0.2071, -19.8027**, and if you desaturate by 10%, it is **57.9230, 0.0380, -12.2105**.

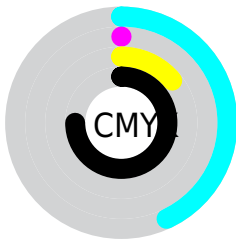
Distribution



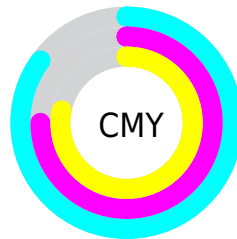
- Red (15%)
- Green (25%)
- Blue (22%)



- Red (15%)
- Yellow (21%)
- Blue (25%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6020, 0.1962, -16.3140 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 55.6020, 0.1962, -16.3140 by changing the saturation by 10% instead.

■ 55.6020, 0.1962,
-16.3140

■ 55.6020, 0.1962,
-16.3140

■ 255.0000, 0.0000,
0.0000

■ 33.7160, 0.6330,
-16.4139

■ 102.8900, 0.0542,
-17.4435

■ 14.9830, -0.9776,
-13.1401

■ 127.8900, 0.0542,
-17.4435

■ 0.0000, 0.0000,
0.0000

■ 154.4770, -0.2352,
-17.9583

■ 181.1780, -0.0878,
-18.5731

■ 208.7650, -0.3771,
-19.0879

■ 236.7650, -0.3771,

-19.0879

251.4120, 1.7689,
-7.3773

55.6020, 0.1962,
-16.3140

55.6020, 0.1962,
-16.3140

53.5800, 0.2071,
-19.8027

57.9230, 0.0380,
-12.2105

51.2590, 0.3653,
-23.9061

59.9450, 0.0271,
-8.7218

49.2370, 0.3762,
-27.3948

62.2660, -0.1311,
-4.6183

46.9160, 0.5344,
-31.4983

64.2880, -0.1420,
-1.1296

44.8940, 0.5453,
-34.9870

66.6090, -0.3002,
2.9739

■ 43.1710, 0.4087,
-37.8610

■ 68.7450, 0.1257,
6.3626

■ 71.0660, -0.0325,
10.4661

■ 73.0880, -0.0434,
13.9548

■ 75.4090, -0.2016,
18.0583

Harmonies

Analogous

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



57.2780, -5.0671, -8.1368



55.6020, 0.1962, -16.3140



54.3500, 5.7434, -22.2320

Triad

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



55.6020, 0.1962, -16.3140



59.9810, 8.8834, -2.6143



60.4380, -7.6109, 14.5249

Complementary

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



55.6020, 0.1962, -16.3140



46.3980, -0.1962, 16.3140

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.



61.0730, -3.9800, 16.5990



55.6020, 0.1962, -16.3140



61.1240, 5.3619, 6.9073

Square

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



55.6020, 0.1962, -16.3140



57.9580, 10.3737, -13.9952



61.3160, 0.8302, 13.7549



59.5360, -9.6312, 9.1769

Rectangle

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



55.6020, 0.1962, -16.3140



54.4470, 8.6536, -22.3170



61.3160, 0.8302, 13.7549



60.3780, -6.5954, 15.4545

Sweetspot

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



55.6020, 0.1962, -16.3140



80.3690, 0.3111, -6.4626



56.1270, -9.4296, -8.8814



40.6790, 0.1583, -4.1035



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.6020, 0.1962, -16.3140



69.2480, 0.3707, -25.6505



53.6930, 5.5744, -14.6398



31.9890, 0.0054, -1.7444



64.4630, 0.7577, -56.5341



148.8160, 1.5697, -130.5116

Inverse Universe

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



46.3980, -0.1962, 16.3140



54.7520, -0.3707, 25.6505



48.3070, -5.5744, 14.6398



31.0110, -0.0054, 1.7444



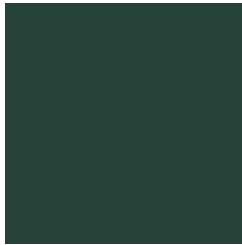
32.5370, -0.7577, 56.5341



75.1840, -1.5697, 130.5116

Previews

White Background



This preview shows how the YUV color 55.6020, 0.1962, -16.3140 looks on a white background.

Color Contrast Check

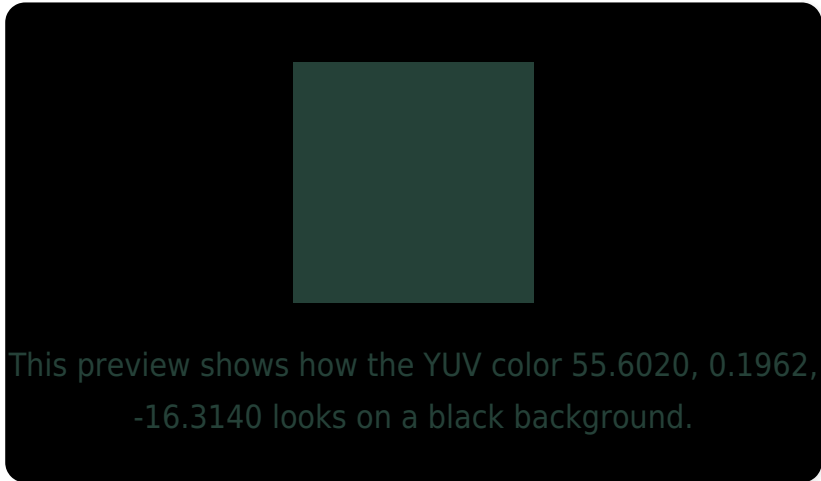
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 55.6020, 0.1962, -16.3140

Background



This preview shows how black text looks on a background with the YUV color 55.6020, 0.1962, -16.3140.



This preview shows how white text looks on a background with the YUV color 55.6020, 0.1962, -16.3140.

-16.3140.

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

55.6020, 0.1962, -16.3140

Protanopia

59.2130, -3.0630, 2.4442

Deuteranopia

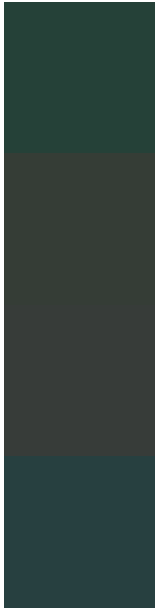
59.8050, -0.8899, 5.4330



Tritanopia

56.6930, 5.5744, -14.6398

Trichromacy



Original Color

55.6020, 0.1962, -16.3140

Protanomaly

57.8100, -1.8783, -4.2184

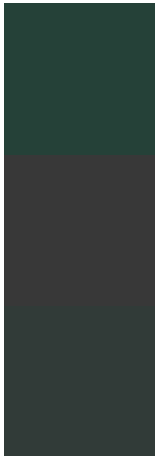
Deuteranomaly

58.1630, -0.5734, -2.7740

Tritanomaly

56.5250, 3.6852, -15.3694

Monochromacy



Original Color

55.6020, 0.1962, -16.3140

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.6680, 0.1637, -5.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6020, 0.1962, -16.3140 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(37, 65, 56)` looks like.

```
.text, #text, p{  
    color:rgb(37, 65, 56)  
}
```

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(37, 65, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 65, 56) }
```

Border

The CSS property to change the border of an element to YUV 55.6020, 0.1962, -16.3140 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(37, 65, 56) }
```


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

```
.border{ border-color:rgb(37, 65, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 65, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 65, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 65, 56);  
box-shadow:4px 4px 4px 4px rgb(37, 65, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6020, 0.1962, -16.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 65, 56) }
```

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

```
.background{ background-color: rgb(37, 65,  
56) }
```

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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