

Converting Colors

YUV(57.8450, 1.5554, -32.3131)

Have a look what the booklet for
YUV(57.8450, 1.5554, -32.3131)
contains.

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Color

**YUV(57.8450, 1.5554,
-32.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	154C3D
RGB	21, 76, 61
RGB Percent	8%, 30%, 24%
CMY	0.9176, 0.7020, 0.7608
CMYK	0.72, 0.00, 0.20, 0.70
HSL	164°, 57%, 19%
HSV	164°, 72%, 30%
XYZ	3.7360, 5.6652, 5.3115
YIQ	57.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

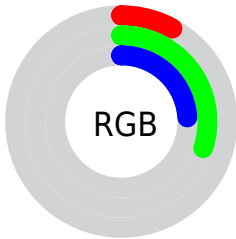
Format	Color
R_{YB}	21, 53, 76
Decimal	1395773
CIE _{Lab}	28.55, -22.03, 3.74
CIE _{LCh}	29, 22.343, 170.374
Y _{xy}	5.6652, 0.2539, 0.3851
Android (android.graphics.Color)	4279585853 (0xFF154C3D)
YUV	57.8450, 1.5554, -32.3131
Hunter-Lab	23.8018, -13.6351, 3.4304

Details

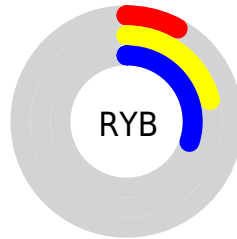
The YUV color **57.8450, 1.5554, -32.3131** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39.1550, -1.5554, 32.3131**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2150, 0.3870, -30.8836**, and **20.9500, -0.9613, -18.3731** is the 20% darker color. If you saturate the color by 10%, you get **55.2250, 1.8611, -37.0313**, and if you desaturate by 10%, it is **60.4650, 1.2498, -27.5948**.

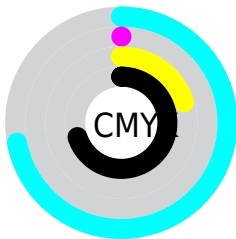
Distribution



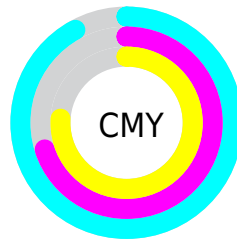
- Red (8%)
- Green (30%)
- Blue (24%)



- Red (8%)
- Yellow (21%)
- Blue (30%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (70%)



- Cyan (92%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8450, 1.5554, -32.3131 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 57.8450, 1.5554, -32.3131 by changing the saturation by 10% instead.

■ 57.8450, 1.5554,
-32.3131

■ 57.8450, 1.5554,
-32.3131

■ 255.0000, 0.0000,
0.0000

■ 35.5570, 1.6974,
-31.1835

■ 107.2150, 0.3870,
-30.8836

■ 20.9500, -0.9613,
-18.3731

■ 132.9160, 0.5344,
-31.4983

■ 0.0000, 0.0000,
0.0000

■ 159.5030, 0.2450,
-32.0131

■ 187.0900, -0.0444,
-32.5279

■ 214.6770, -0.3338,
-33.0427

■ 238.6820, 2.1288,

-29.5391

■ 248.7210, 3.0955,
-12.9103

■ 57.8450, 1.5554,
-32.3131

■ 57.8450, 1.5554,
-32.3131

■ 55.2250, 1.8611,
-37.0313

■ 60.4650, 1.2498,
-27.5948

■ 52.9040, 2.0193,
-41.1348

■ 62.7860, 1.0915,
-23.4913

■ 50.8820, 2.0302,
-44.6235

■ 65.4060, 0.7858,
-18.7731

■ 67.7270, 0.6276,
-14.6696

■ 70.3470, 0.3219,
-9.9513

■ 72.9670, 0.0163,
-5.2331

■ 75.4020, 0.2948,
-1.2296

■ 78.0220, -0.0108,
3.4887

■ 80.3430, -0.1691,
7.5922

Harmonies

Analogous

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



62.6210, -8.6872, -13.6996



57.8450, 1.5554, -32.3131



53.6180, 12.5133, -47.0230

Triad

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



57.8450, 1.5554, -32.3131



67.7940, 15.8776, -5.9583



67.1250, -12.8796, 24.4464

Complementary

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



57.8450, 1.5554, -32.3131



39.1550, -1.5554, 32.3131

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.



67.9820, -5.9071, 28.0798



57.8450, 1.5554, -32.3131



69.5960, 9.5662, 11.7553

Square

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



57.8450, 1.5554, -32.3131



61.5630, 19.4424, -29.4348



69.1370, 2.3975, 24.4359



66.1470, -16.3415, 14.7801

Rectangle

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



57.8450, 1.5554, -32.3131



54.1710, 17.1707, -47.5080



69.1370, 2.3975, 24.4359



68.0050, -10.8485, 26.3056

Sweetspot

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



57.8450, 1.5554, -32.3131



92.0370, 0.4748, -12.3104



58.0690, -18.2750, -18.4775



46.6570, 0.1691, -7.5922



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.



57.8450, 1.5554, -32.3131



70.6640, 2.6306, -50.5713



52.5110, 11.5801, -27.6351



36.6900, 0.1528, -2.3591



68.3100, 2.8052, -59.9079



154.0480, 6.3853, -135.1001

Inverse Universe

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



39.1550, -1.5554, 32.3131



41.4500, -2.1939, 50.4714



44.4890, -11.5801, 27.6351



35.3100, -0.1528, 2.3591



33.6900, -2.8052, 59.9079



75.9520, -6.3853, 135.1001

Previews

White Background



This preview shows how the YUV color 57.8450, 1.5554, -32.3131 looks on a white background.

Color Contrast Check

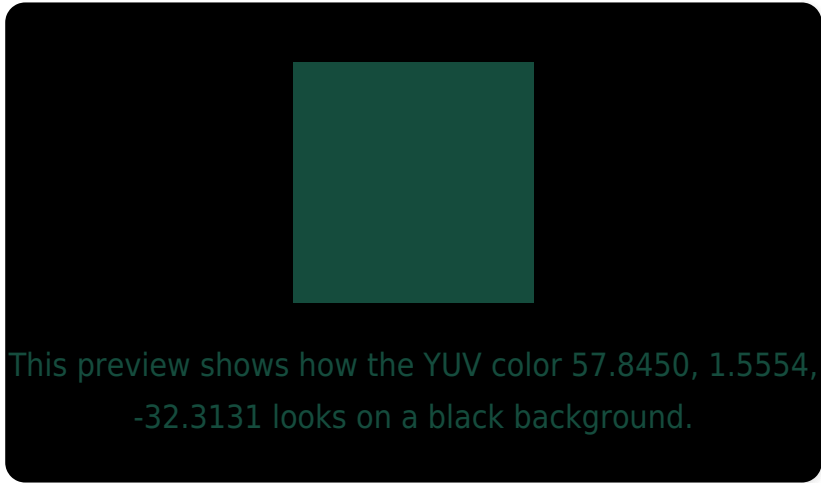
Large Text (above 18pt) WCAG AA ✓ Pass

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

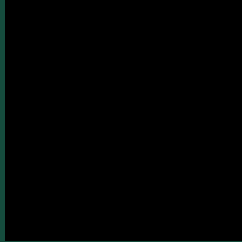
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8450, 1.5554, -32.3131

Background



This preview shows how black text looks on a background with the YUV color 57.8450, 1.5554, -32.3131.



This preview shows how white text looks on a background with the YUV color 57.8450, 1.5554, -32.3131.

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

57.8450, 1.5554, -32.3131

Protanopia

66.9420, -5.3944, 3.5589

Deuteranopia

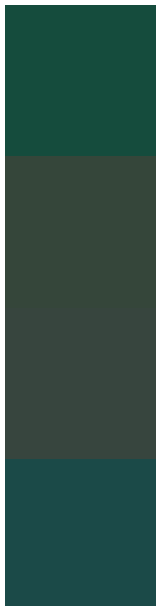
67.7620, -2.3477, 6.3477



Tritanopia

60.8270, 8.9593, -27.0353

Trichromacy



Original Color

57.8450, 1.5554, -32.3131

Protanomaly

63.5490, -2.7357, -9.2515

Deuteranomaly

64.0160, -0.9939, -7.9070

Tritanomaly

59.7190, 6.0545, -28.6946

Monochromacy



Original Color

57.8450, 1.5554, -32.3131

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3360, 0.3274, -11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8450, 1.5554, -32.3131 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(21, 76, 61)` looks like.

```
.text, #text, p{  
    color:rgb(21, 76, 61)  
}
```

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(21, 76, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 76, 61) }
```

Border

The CSS property to change the border of an element to YUV 57.8450, 1.5554, -32.3131 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(21, 76, 61) }
```


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

```
.border{ border-color:rgb(21, 76, 61) }
```

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

Here you see how a box with a 4 pixel rgb(21, 76, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 76, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 76, 61);  
box-shadow:4px 4px 4px 4px rgb(21, 76, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.8450, 1.5554, -32.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 76, 61) }
```

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

```
.background{ background-color: rgb(21, 76,  
61) }
```

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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