

Converting Colors

YUV(57.4020, 13.6058,
-24.0316)

Have a look what the booklet for
YUV(57.4020, 13.6058, -24.0316)
contains.

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Color

**YUV(57.4020, 13.6058,
-24.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4255
RGB	30, 66, 85
RGB Percent	12%, 26%, 33%
CMY	0.8824, 0.7412, 0.6667
CMYK	0.65, 0.22, 0.00, 0.67
HSL	201°, 48%, 23%
HSV	201°, 65%, 33%
XYZ	4.1233, 4.8283, 9.3090
YIQ	57.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

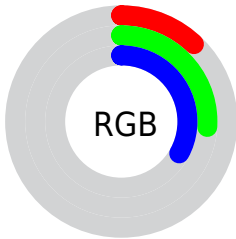
Format	Color
RYB	30, 52, 85
Decimal	1983061
CIELab	26.24, -6.38, -15.28
CIElCh	26, 16.559, 247.331
Yxy	4.8283, 0.2258, 0.2644
Android (android.graphics.Color)	4280173141 (0xFF1E4255)
YUV	57.4020, 13.6058, -24.0316
Hunter-Lab	21.9735, -4.9579, -9.7366

Details

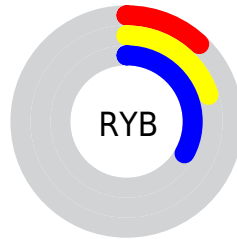
The YUV color **57.4020, 13.6058, -24.0316** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **57.5980, -13.6058, 24.0316**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2280, 14.1846, -23.0020**, and **18.6480, 10.5265, -16.3543** is the 20% darker color. If you saturate the color by 10%, you get **52.9500, 15.8007, -28.0201**, and if you desaturate by 10%, it is **61.8540, 11.4110, -20.0430**.

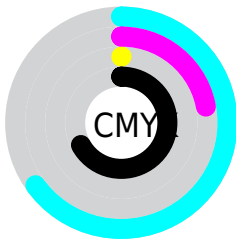
Distribution



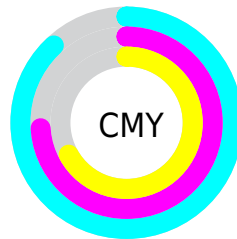
- Red (12%)
- Green (26%)
- Blue (33%)



- Red (12%)
- Yellow (20%)
- Blue (33%)



- Cyan (65%)
- Magenta (22%)
- Yellow (0%)
- Black (67%)



- Cyan (88%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4020, 13.6058, -24.0316 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 57.4020, 13.6058, -24.0316 by changing the saturation by 10% instead.

■ 57.4020, 13.6058,
-24.0316

■ 57.4020, 13.6058,
-24.0316

■ 255.0000, 0.0000,
0.0000

■ 33.1950, 14.2009,
-28.2350

■ 106.2280, 14.1846,
-23.0020

■ 18.6480, 10.5265,
-16.3543

■ 131.3420, 14.6214,
-23.1019

■ 2.7530, 8.0098,
-2.4144

■ 158.0430, 14.7688,
-23.7167

■ 0.0000, 0.0000,
0.0000

■ 185.1570, 15.2056,
-23.8167

■ 213.1570, 15.2056,
-23.8167

■ 239.2190, 7.7800,

-22.1171

251.4120, 1.7689,
-7.3773

57.4020, 13.6058,
-24.0316

57.4020, 13.6058,
-24.0316

52.9500, 15.8007,
-28.0201

61.8540, 11.4110,
-20.0430

48.7970, 17.8481,
-31.3940

66.0070, 9.3635,
-16.6691

44.6440, 19.8955,
-34.7678

70.1600, 7.3161,
-13.2953

42.5620, 20.9219,
-37.3269

74.6120, 5.1213,
-9.3067

79.0640, 2.9264,
-5.3181

■ 83.2170, 0.8790,
-1.9443

■ 87.3700, -1.1684,
1.4295

■ 91.2350, -3.0739,
5.9329

■ 95.3880, -5.1213,
9.3067

Harmonies

Analogous

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



54.0760, 11.3015, -31.6387



57.4020, 13.6058, -24.0316



61.2620, 12.6888, -9.8768

Triad

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



57.4020, 13.6058, -24.0316



63.2630, -2.1017, 20.8173



59.6760, -8.7143, -4.9779

Complementary

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



57.4020, 13.6058, -24.0316



57.5980, -13.6058, 24.0316

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.



60.9440, -11.8044, 6.1881



57.4020, 13.6058, -24.0316



62.7700, -7.7746, 20.3727

Square

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



57.4020, 13.6058, -24.0316



64.1250, 3.8824, 14.7994



62.1130, -11.3947, 14.8099



57.5050, -2.7140, -16.2289

Rectangle

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



57.4020, 13.6058, -24.0316



62.7470, 10.4777, -0.6551



62.1130, -11.3947, 14.8099



60.2420, -10.4723, -1.0892

Sweetspot

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



57.4020, 13.6058, -24.0316



99.0250, 5.4107, -8.7919



64.3370, -8.0541, -30.1135



49.7650, 3.0739, -5.9329



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



57.4020, 13.6058, -24.0316



66.6760, 21.3587, -37.4269



41.5530, 21.4194, -10.1320



41.2170, 0.8790, -1.9443



53.2880, 26.4800, -46.7336



117.1880, 58.0813, -102.7739

Inverse Universe

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



50.5490, 7.6173, 30.2135



56.0980, 11.7837, 47.2721



73.4470, -21.4194, 10.1320



40.5380, 0.7208, 2.1592



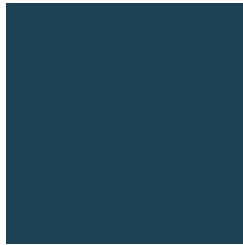
39.9730, 14.8033, 58.7827



87.8210, 32.6262, 129.0760

Previews

White Background



This preview shows how the YUV color 57.4020, 13.6058, -24.0316 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 57.4020, 13.6058, -24.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

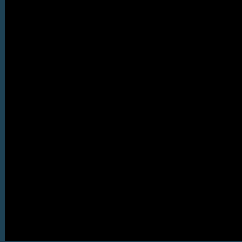
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4020, 13.6058, -24.0316

Background



This preview shows how black text looks on a background with the YUV color 57.4020, 13.6058, -24.0316.



This preview shows how white text looks on a background with the YUV color 57.4020, 13.6058,

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

57.4020, 13.6058, -24.0316

Protanopia

62.0840, 9.3256, -4.4587

Deuteranopia

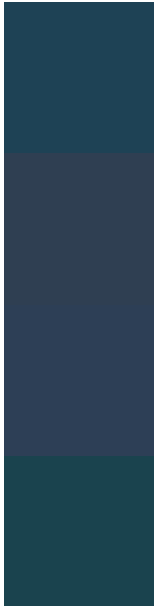
61.7570, 11.9518, -6.8029



Tritanopia

55.5280, 9.1067, -27.6501

Trichromacy



Original Color

57.4020, 13.6058, -24.0316

Protanomaly

60.3820, 10.6577, -11.7360

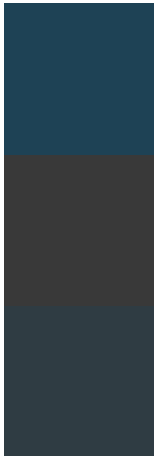
Deuteranomaly

60.2400, 12.6997, -13.3655

Tritanomaly

55.9950, 10.8485, -26.3056

Monochromacy



Original Color

57.4020, 13.6058, -24.0316

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4020, 13.6058, -24.0316 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(30, 66, 85)` looks like.

```
.text, #text, p{  
    color:rgb(30, 66, 85)  
}
```

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(30, 66, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 66, 85) }
```

Border

The CSS property to change the border of an element to YUV 57.4020, 13.6058, -24.0316 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(30, 66, 85) }
```


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

```
.border{ border-color:rgb(30, 66, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 66, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 66, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 66, 85);  
box-shadow:4px 4px 4px 4px rgb(30, 66, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.4020, 13.6058, -24.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 66, 85) }
```

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

```
.background{ background-color: rgb(30, 66,  
85) }
```

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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