

# Converting Colors

YUV(58.7240, 8.5171, -25.1909)

Have a look what the booklet for  
YUV(58.7240, 8.5171, -25.1909)  
contains.

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# Color

**YUV(58.7240, 8.5171,  
-25.1909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E464C
RGB	30, 70, 76
RGB Percent	12%, 27%, 30%
CMY	0.8824, 0.7255, 0.7020
CMYK	0.61, 0.08, 0.00, 0.70
HSL	188°, 43%, 21%
HSV	188°, 61%, 30%
XYZ	4.0301, 5.1781, 7.6245
YIQ	58.7240, -25.7660, -6.6140

# Conversions

## Conversions Part 2

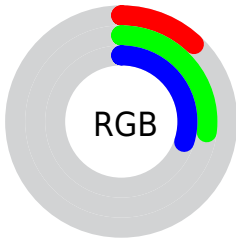
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 51, 76
Decimal	1984076
CIE Lab	27.24, -12.01, -7.89
CIE LCh	27, 14.371, 213.301
Yxy	5.1781, 0.2394, 0.3076
Android (android.graphics.Color)	4280174156 (0xFF1E464C)
YUV	58.7240, 8.5171, -25.1909
Hunter-Lab	22.7555, -8.2092, -3.9371

# Details

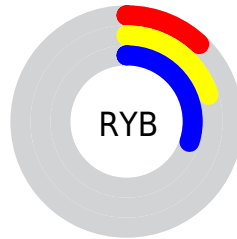
The YUV color **58.7240, 8.5171, -25.1909** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.2760, -8.5171, 25.1909**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1370, 8.8065, -24.6761**, and **19.4970, 6.1640, -17.0989** is the 20% darker color. If you saturate the color by 10%, you get **55.7450, 9.9857, -29.5944**, and if you desaturate by 10%, it is **61.7030, 7.0484, -20.7875**.

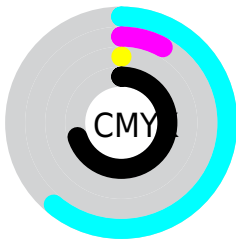
# Distribution



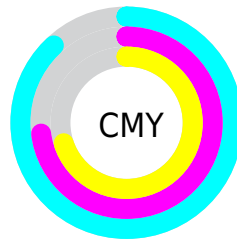
- Red (12%)
- Green (27%)
- Blue (30%)



- Red (12%)
- Yellow (20%)
- Blue (30%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (73%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 58.7240, 8.5171, -25.1909 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 58.7240, 8.5171, -25.1909 by changing the saturation by 10% instead.



■ 58.7240, 8.5171,  
-25.1909

■ 58.7240, 8.5171,  
-25.1909

■ 255.0000, 0.0000,  
0.0000

■ 34.8160, 8.9647,  
-28.7796

■ 107.1370, 8.8065,  
-24.6761

■ 19.4970, 6.1640,  
-17.0989

■ 132.8380, 8.9539,  
-25.2909

■ 0.9120, 3.4944,  
-0.7998

■ 159.4250, 8.6645,  
-25.8057

■ 0.0000, 0.0000,  
0.0000

■ 186.5390, 9.1013,  
-25.9057

■ 214.2400, 9.2487,  
-26.5205

■ 242.1430, 6.3385,

-26.4354

250.8140, 2.0637,  
-8.6069

58.7240, 8.5171,  
-25.1909

58.7240, 8.5171,  
-25.1909

55.7450, 9.9857,  
-29.5944

61.7030, 7.0484,  
-20.7875

53.0650, 11.3070,  
-33.3830

64.3830, 5.7272,  
-16.9989

50.0860, 12.7756,  
-37.7864

67.3620, 4.2585,  
-12.5955

47.4060, 14.0968,  
-41.5751

70.0420, 2.9373,  
-8.8068

73.0210, 1.4686,  
-4.4034

■ 76.0000, 0.0000,  
0.0000

■ 78.6800, -1.3212,  
3.7886

■ 81.6590, -2.7899,  
8.1921

■ 84.3390, -4.1111,  
11.9807

# Harmonies

## Analogous

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



58.9650, 2.9753, -21.0173



58.7240, 8.5171, -25.1909



60.5550, 11.5584, -20.6577

# Triad

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



58.7240, 8.5171, -25.1909



66.1030, 3.8932, 11.3107



63.5850, -10.6414, 6.5030

# Complementary

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



58.7240, 8.5171, -25.1909



47.2760, -8.5171, 25.1909

# 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.



64.2700, -9.5001, 13.7952



58.7240, 8.5171, -25.1909



65.8820, -0.9278, 17.6435

# Square

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



58.7240, 8.5171, -25.1909



65.6010, 8.5777, 2.1039



65.2150, -6.0220, 18.2284



62.2140, -7.9935, -2.8187



# Rectangle

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



58.7240, 8.5171, -25.1909



62.5990, 11.5367, -13.6803



65.2150, -6.0220, 18.2284



64.0090, -10.3574, 8.7621

# Sweetspot

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



58.7240, 8.5171, -25.1909



92.7430, 3.0847, -9.4216



57.5720, -11.1280, -24.1806



47.1240, 1.9109, -6.2477



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.



58.7240, 8.5171, -25.1909



72.1890, 13.2178, -39.6308



45.8100, 14.8837, -13.8654



36.8040, 0.5896, -2.4591



63.8710, 18.7976, -56.0149



143.6200, 42.5853, -125.9547



# Inverse Universe

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



48.3140, 10.6912, 24.2806



55.7100, 16.9050, 37.9653



60.1900, -14.8837, 13.8654



35.6520, 1.1576, 2.0592



40.6440, 23.8395, 53.8092

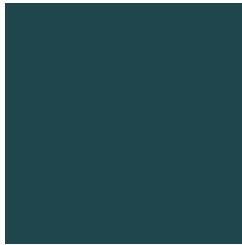


91.5700, 53.4560, 121.4031



# Previews

## White Background



This preview shows how the YUV color 58.7240, 8.5171, -25.1909 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 58.7240, 8.5171, -25.1909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

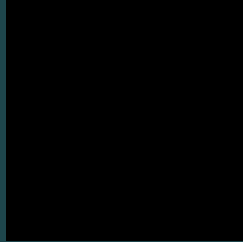
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 58.7240, 8.5171, -25.1909

## Background



This preview shows how black text looks on a background with the YUV color 58.7240, 8.5171, -25.1909.



This preview shows how white text looks on a background with the YUV color 58.7240, 8.5171, -25.1909.



# 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

58.7240, 8.5171, -25.1909

### Protanopia

64.6130, 3.6418, -1.4146

### Deuteranopia

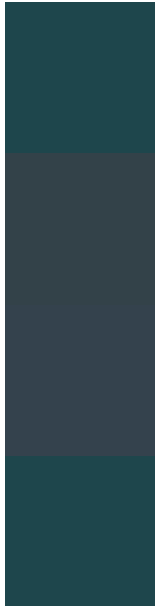
65.0090, 6.4046, -0.8849



## Tritanopia

58.7240, 8.5171, -25.1909

# Trichromacy



## Original Color

58.7240, 8.5171, -25.1909

## Protanomaly

62.3130, 5.2687, -9.9215

## Deuteranomaly

63.0680, 6.8685, -9.7066

## Tritanomaly

58.7240, 8.5171, -25.1909

# Monochromacy



## Original Color

58.7240, 8.5171, -25.1909

## Achromatopsia

59.0000, 0.0000, 0.0000

## Achromatomaly

58.7430, 3.0847, -9.4216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 58.7240, 8.5171, -25.1909 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, 70, 76)` looks like.

```
.text, #text, p{  
    color:rgb(30, 70, 76)  
}
```

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, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 70, 76) }
```

## Border

The CSS property to change the border of an element to YUV 58.7240, 8.5171, -25.1909 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, 70, 76) }
```



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

```
.border{ border-color:rgb(30, 70, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 70, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 70, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 70, 76);  
box-shadow:4px 4px 4px 4px rgb(30, 70, 76)  
}
```

# Background

The CSS property to change the background color of an element to YUV 58.7240, 8.5171, -25.1909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 70, 76) }
```

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

```
.background{ background-color: rgb(30, 70,  
76) }
```

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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