

Converting Colors

YUV(65.7970, -19.1269,
-25.2550)

Have a look what the booklet for
YUV(65.7970, -19.1269, -25.2550)
contains.

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Color

**YUV(65.7970, -19.1269,
-25.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	25581B
RGB	37, 88, 27
RGB Percent	15%, 35%, 11%
CMY	0.8549, 0.6549, 0.8941
CMYK	0.58, 0.00, 0.69, 0.65
HSL	110°, 53%, 23%
HSV	110°, 69%, 35%
XYZ	4.4505, 7.4519, 2.2407
YIQ	65.7970, -10.8150, -29.7830

Conversions

Conversions Part 2

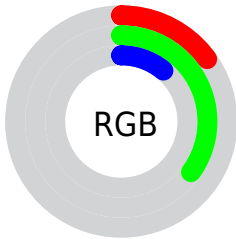
Format	Color
R_{YB}	27, 88, 78
Decimal	2447387
CIE _{Lab}	32.81, -30.19, 29.36
CIE _{LCh}	33, 42.109, 135.803
Yxy	7.4519, 0.3147, 0.5269
Android (android.graphics.Color)	4280637467 (0xFF25581B)
YUV	65.7970, -19.1269, -25.2550
Hunter-Lab	27.2982, -18.6704, 14.2420

Details

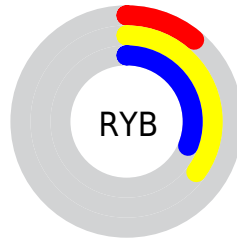
The YUV color **65.7970, -19.1269, -25.2550** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.2030, 19.1269, 25.2550**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3410, -20.8741, -24.8551**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **62.6780, -22.0263, -28.6586**, and if you desaturate by 10%, it is **68.9160, -16.2276, -21.8513**.

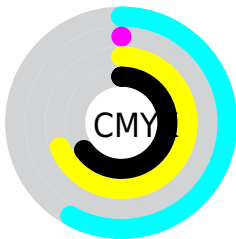
Distribution



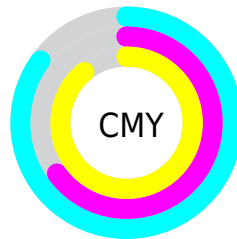
- Red (15%)
- Green (35%)
- Blue (11%)



- Red (11%)
- Yellow (35%)
- Blue (31%)



- Cyan (58%)
- Magenta (0%)
- Yellow (69%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7970, -19.1269, -25.2550 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 65.7970, -19.1269, -25.2550 by changing the saturation by 10% instead.

■ 65.7970, -19.1269,
-25.2550

■ 65.7970, -19.1269,
-25.2550

■ 255.0000, 0.0000,
0.0000

■ 40.3020, -18.3899,
-28.3289

■ 116.3410,
-20.8741, -24.8551

■ 24.6540, -12.1544,
-21.6216

■ 141.8140,
-21.6003, -25.2699

■ 10.5660, -5.2090,
-9.2664

■ 168.5860,
-22.4739, -25.0699

■ 0.0000, 0.0000,
0.0000

■ 196.1730,
-22.7633, -25.5847

■ 224.6460,
-23.4895, -25.9995

■ 239.6180,

-17.5597, -14.5740

■ 251.5950, -9.1673,
0.3552

■ 65.7970, -19.1269,
-25.2550

■ 65.7970, -19.1269,
-25.2550

■ 62.6780, -22.0263,
-28.6586

■ 68.9160, -16.2276,
-21.8513

■ 59.2600, -24.7782,
-32.6770

■ 72.3340, -13.4757,
-17.8329

■ 56.2550, -27.2407,
-36.1806

■ 75.3390, -11.0131,
-14.3293

■ 55.8420, -27.5301,
-36.6954

■ 78.4580, -8.1138,
-10.9257

■ 81.8760, -5.3619,
-6.9073

■ 84.9950, -2.4625,
-3.5036

■ 88.4130, 0.2894,
0.5148

■ 91.4180, 2.7519,
4.0184

■ 94.5370, 5.6513,
7.4221

Harmonies

Analogous

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



70.5700, -34.7910, 5.6391



65.7970, -19.1269, -25.2550



60.8440, -0.4161, -53.3602

Triad

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



65.7970, -19.1269, -25.2550



66.0830, 37.4271, -57.9548



73.7450, -6.2833, 55.4746

Complementary

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



65.7970, -19.1269, -25.2550



49.2030, 19.1269, 25.2550

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.



76.2890, 8.7315, 46.2275



65.7970, -19.1269, -25.2550



72.6570, 33.6931, -26.8862

Square

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



65.7970, -19.1269, -25.2550



67.5530, 27.8284, -59.2440



79.5550, 21.9114, 18.8073



74.5640, -21.9701, 46.8634

Rectangle

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



65.7970, -19.1269, -25.2550



64.0530, 9.3409, -56.1745



79.5550, 21.9114, 18.8073



74.1130, -1.0417, 54.2749

Sweetspot

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



65.7970, -19.1269, -25.2550



106.2840, -7.5350, -9.8961



75.1760, -23.7508, 11.2466



53.4030, -4.6357, -6.4924



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.7970, -19.1269, -25.2550



80.2500, -29.7033, -39.6842



65.0870, -8.9169, -33.4023



41.6470, -1.3050, -1.4444



68.1910, -33.6182, -44.0175



149.3070, -73.6084, -97.6162

Inverse Universe

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



49.2030, 19.1269, 25.2550



54.4510, 29.8507, 39.0695



49.9130, 8.9169, 33.4023



40.6520, 1.1576, 2.0592



39.1080, 33.4708, 44.6323



85.3940, 73.7558, 97.0015

Previews

White Background



This preview shows how the YUV color 65.7970, -19.1269, -25.2550 looks on a white background.

Color Contrast Check

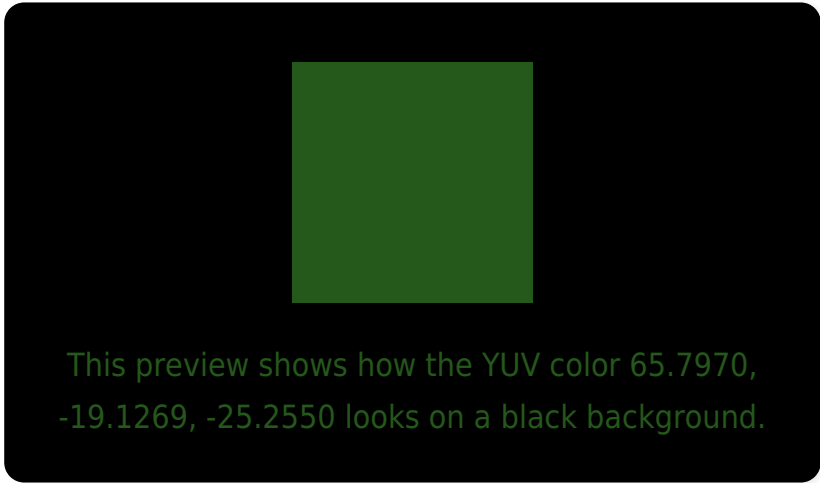
Large Text (above 18pt) WCAG AA ✓ Pass

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

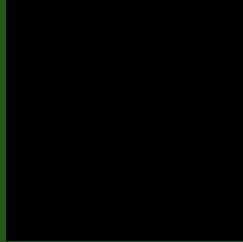
Any Text WCAG AA × Fail

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 65.7970, -19.1269, -25.2550 Background



This preview shows how black text looks on a background with the YUV color 65.7970, -19.1269, -25.2550.



This preview shows how white text looks on a background with the YUV color 65.7970, -19.1269, -25.2550.

-25.2550.

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

65.7970, -19.1269, -25.2550

Protanopia

73.6490, -24.4770, 10.8318

Deuteranopia

75.2030, -21.2991, 18.2390



Tritanopia

73.2300, 7.7746, -20.3727

Trichromacy



Original Color

65.7970, -19.1269, -25.2550

Protanomaly

70.7290, -22.5444, -2.3933

Deuteranomaly

71.6310, -20.5241, 2.9546

Tritanomaly

70.2870, -2.1135, -22.1767

Monochromacy



Original Color

65.7970, -19.1269, -25.2550

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8110, -6.8088, -9.4812

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7970, -19.1269, -25.2550 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, 88, 27)` looks like.

```
.text, #text, p{  
    color:rgb(37, 88, 27)  
}
```

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, 88, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 88, 27) }
```

Border

The CSS property to change the border of an element to YUV 65.7970, -19.1269, -25.2550 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, 88, 27) }
```


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

```
.border{ border-color:rgb(37, 88, 27) }
```

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

Here you see how a box with a 4 pixel rgb(37, 88, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 88, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 88, 27);  
box-shadow:4px 4px 4px 4px rgb(37, 88, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.7970, -19.1269, -25.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 88, 27) }
```

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

```
.background{ background-color: rgb(37, 88,  
27) }
```

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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