

Converting Colors

YUV(80.7070, 10.9904,
-25.1760)

Have a look what the booklet for
YUV(80.7070, 10.9904, -25.1760)
contains.

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Color

**YUV(80.7070, 10.9904,
-25.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	345B67
RGB	52, 91, 103
RGB Percent	20%, 36%, 40%
CMY	0.7961, 0.6431, 0.5961
CMYK	0.50, 0.12, 0.00, 0.60
HSL	194°, 33%, 30%
HSV	194°, 50%, 40%
XYZ	7.6054, 9.1915, 14.2053
YIQ	80.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

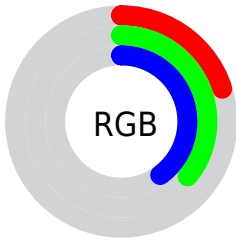
Format	Color
RYB	52, 74, 103
Decimal	3431271
CIELab	36.35, -10.19, -11.18
CIElCh	36, 15.124, 227.647
Yxy	9.1915, 0.2453, 0.2965
Android (android.graphics.Color)	4281621351 (0xFF345B67)
YUV	80.7070, 10.9904, -25.1760
Hunter-Lab	30.3175, -8.2772, -6.5581




Details

The YUV color **80.7070, 10.9904, -25.1760** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.2930, -10.9904, 25.1760**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8210, 11.4272, -25.2760**, and **32.7990, 11.4381, -28.7647** is the 20% darker color. If you saturate the color by 10%, you get **76.5430, 13.0433, -30.2942**, and if you desaturate by 10%, it is **84.8710, 8.9376, -20.0579**.

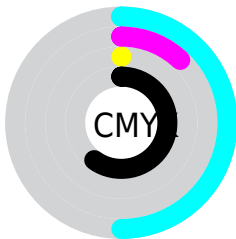
Distribution







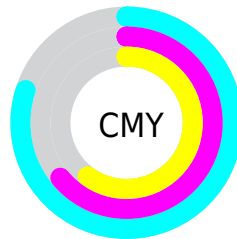
-  Red (20%)
-  Green (36%)
-  Blue (40%)






-  Red (20%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (64%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7070, 10.9904, -25.1760 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 80.7070, 10.9904, -25.1760 by changing the saturation by 10% instead.

80.7070, 10.9904,
-25.1760

80.7070, 10.9904,
-25.1760

255.0000, 0.0000,
0.0000

56.4080, 11.1379,
-25.7908

130.8210, 11.4272,
-25.2760

32.7990, 11.4381,
-28.7647

157.5220, 11.5747,
-25.8908

18.6650, 8.0532,
-16.3692

184.5220, 11.5747,
-25.8908

1.3680, 5.2416,
-1.1997

212.3370, 12.1589,
-26.6055

0.0000, 0.0000,
0.0000

239.1970, 7.7909,
-25.6058

250.2160, 2.3585,

-9.8364

■ 80.7070, 10.9904,
-25.1760

■ 80.7070, 10.9904,
-25.1760

■ 76.5430, 13.0433,
-30.2942

■ 84.8710, 8.9376,
-20.0579

■ 71.4930, 15.5330,
-35.5124

■ 89.9210, 6.4479,
-14.8397

■ 67.3290, 17.5858,
-40.6305

■ 94.0850, 4.3951,
-9.7215

■ 62.5780, 19.9280,
-45.2339

■ 98.8360, 2.0529,
-5.1182

■ 58.1150, 22.1283,
-50.9669

■ 103.2990, -0.1474,
0.6148

■ 108.0500, -2.4896,
5.2182

■ 112.2140, -4.5425,
10.3363

■ 116.3780, -6.5954,
15.4545

■ 121.4280, -9.0850,
20.6726

Harmonies

Analogous

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



79.7410, 6.0437, -25.2059



80.7070, 10.9904, -25.1760



83.2180, 12.7105, -16.8542

Triad

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



80.7070, 10.9904, -25.1760



87.5660, 1.6930, 17.0436



84.1500, -10.9199, 2.4995

Complementary

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



80.7070, 10.9904, -25.1760



74.2930, -10.9904, 25.1760

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.



85.3900, -11.5313, 11.9360



80.7070, 10.9904, -25.1760



87.0950, -3.9908, 20.0877

Square

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



80.7070, 10.9904, -25.1760



87.2920, 7.2510, 7.6369



86.1180, -8.9322, 18.3135



82.5230, -6.6668, -8.3517

Rectangle

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



80.7070, 10.9904, -25.1760



85.3330, 11.6678, -9.0620



86.1180, -8.9322, 18.3135



84.6450, -11.6570, 5.5733

Sweetspot

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



80.7070, 10.9904, -25.1760



126.0850, 4.3951, -9.7215



83.3050, -9.5174, -27.4545



63.3520, 2.7845, -6.4477



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.7070, 10.9904, -25.1760



99.9270, 17.2910, -39.4010



66.0320, 18.2252, -12.3061



48.9180, 1.0264, -2.5591



64.7660, 24.7654, -56.7998



136.1830, 52.1678, -119.4325

Inverse Universe

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



71.6950, 9.5174, 27.4545



85.8740, 14.8521, 43.0835



88.9680, -18.2252, 12.3061



47.9510, 1.0102, 2.6740



44.4170, 21.4864, 61.9013



93.4480, 45.1351, 130.2801

Previews

White Background



This preview shows how the YUV color 80.7070, 10.9904, -25.1760 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 80.7070, 10.9904, -25.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

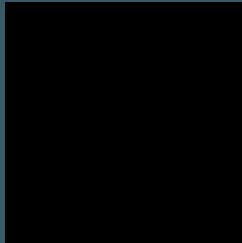
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7070, 10.9904, -25.1760

Background



This preview shows how black text looks on a background with the YUV color 80.7070, 10.9904, -25.1760.



This preview shows how white text looks on a background with the YUV color 80.7070, 10.9904,

-25.1760.

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

80.7070, 10.9904, -25.1760

Protanopia

85.9980, 6.4100, -2.6292

Deuteranopia

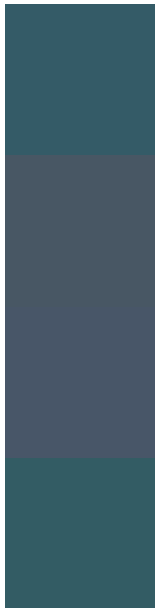
85.8070, 9.4621, -1.5847



Tritanopia

80.5390, 9.1013, -25.9057

Trichromacy



Original Color

80.7070, 10.9904, -25.1760

Protanomaly

83.9970, 7.8895, -10.5214

Deuteranomaly

83.8660, 9.9261, -10.4065

Tritanomaly

80.6530, 9.5381, -26.0057

Monochromacy



Original Color

80.7070, 10.9904, -25.1760

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7070, 10.9904, -25.1760 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(52, 91, 103)` looks like.

```
.text, #text, p{  
    color:rgb(52, 91, 103)  
}
```

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(52, 91, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 91, 103) }
```

Border

The CSS property to change the border of an element to YUV 80.7070, 10.9904, -25.1760 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(52, 91, 103) }
```


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

```
.border{ border-color:rgb(52, 91, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 91, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 91, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 91, 103);  
box-shadow:4px 4px 4px 4px rgb(52, 91,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 80.7070, 10.9904, -25.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 91, 103) }
```

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

```
.background{ background-color: rgb(52, 91,  
103) }
```

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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