

Converting Colors

YUV(70.3110, 8.2277, -25.7057)

Have a look what the booklet for
YUV(70.3110, 8.2277, -25.7057)
contains.

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Color

**YUV(70.3110, 8.2277,
-25.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	295257
RGB	41, 82, 87
RGB Percent	16%, 32%, 34%
CMY	0.8392, 0.6784, 0.6588
CMYK	0.53, 0.06, 0.00, 0.66
HSL	187°, 36%, 25%
HSV	187°, 53%, 34%
XYZ	5.6520, 7.1941, 10.1075
YIQ	70.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

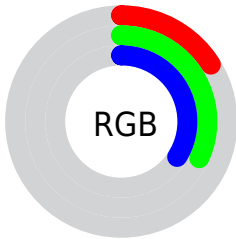
Format	Color
R_{YB}	41, 63, 87
Decimal	2708055
CIE _{Lab}	32.24, -12.79, -7.38
CIE _{LCh}	32, 14.766, 209.973
Yxy	7.1941, 0.2462, 0.3134
Android (android.graphics.Color)	4280898135 (0xFF295257)
YUV	70.3110, 8.2277, -25.7057
Hunter-Lab	26.8219, -9.3238, -3.5675

Details

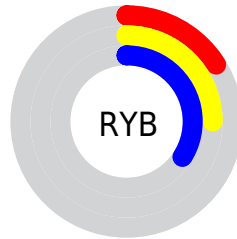
The YUV color **70.3110, 8.2277, -25.7057** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.6890, -8.2277, 25.7057**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0120, 8.3751, -26.3205**, and **26.5070, 7.6380, -23.2466** is the 20% darker color. If you saturate the color by 10%, you get **67.0330, 9.8437, -30.7239**, and if you desaturate by 10%, it is **73.5890, 6.6116, -20.6876**.

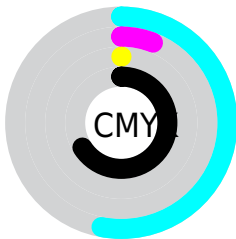
Distribution



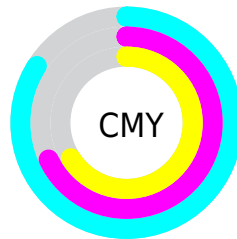
- Red (16%)
- Green (32%)
- Blue (34%)



- Red (16%)
- Yellow (25%)
- Blue (34%)



- Cyan (53%)
- Magenta (6%)
- Yellow (0%)
- Black (66%)



- Cyan (84%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3110, 8.2277, -25.7057 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 70.3110, 8.2277, -25.7057 by changing the saturation by 10% instead.

■ 70.3110, 8.2277,
-25.7057

■ 70.3110, 8.2277,
-25.7057

■ 255.0000, 0.0000,
0.0000

■ 46.4140, 8.6699,
-27.5501

■ 120.0120, 8.3751,
-26.3205

■ 26.5070, 7.6380,
-23.2466

■ 146.0120, 8.3751,
-26.3205

■ 11.9000, 4.9793,
-10.4363

■ 172.7130, 8.5225,
-26.9353

■ 0.0000, 0.0000,
0.0000

■ 199.8270, 8.9593,
-27.0353

■ 228.4140, 8.6699,
-27.5501

■ 246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 70.3110, 8.2277,
-25.7057

■ 70.3110, 8.2277,
-25.7057

■ 67.0330, 9.8437,
-30.7239

■ 73.5890, 6.6116,
-20.6876

■ 64.0540, 11.3124,
-35.1274

■ 76.5680, 5.1430,
-16.2841

■ 60.7760, 12.9284,
-40.1456

■ 79.8460, 3.5269,
-11.2659

■ 57.4980, 14.5445,
-45.1637

■ 83.1240, 1.9109,
-6.2477

■ 55.7040, 15.4289,
-48.8524

■ 86.4020, 0.2948,
-1.2296

■ 89.3810, -1.1738,
3.1739

■ 92.6590, -2.7899,
8.1921

■ 95.9370, -4.4059,
13.2103

■ 98.9160, -5.8746,
17.6137

Harmonies

Analogous

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



70.7370, 2.1017, -20.8173



70.3110, 8.2277, -25.7057



71.9570, 11.8532, -21.8873

Triad

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



70.3110, 8.2277, -25.7057



77.7440, 5.0562, 11.6255



75.1830, -10.9362, 7.7325

Complementary

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



70.3110, 8.2277, -25.7057



57.6890, -8.2277, 25.7057

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.



76.1670, -9.9423, 15.6395



70.3110, 8.2277, -25.7057



77.2950, -0.6384, 18.1583

Square

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



70.3110, 8.2277, -25.7057



77.1170, 9.3093, 0.7744



76.9270, -5.8800, 19.3580



74.2850, -9.0145, -2.0039

Rectangle

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



70.3110, 8.2277, -25.7057



73.7020, 11.9789, -15.5247



76.9270, -5.8800, 19.3580



75.7920, -11.2365, 10.7064

Sweetspot

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



70.3110, 8.2277, -25.7057



105.4440, 3.2321, -10.0364



68.5720, -11.1280, -24.1806



52.1240, 1.9109, -6.2477



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.



70.3110, 8.2277, -25.7057



86.9610, 12.3442, -39.4308



56.8100, 14.8837, -13.8654



41.8040, 0.5896, -2.4591



67.9630, 19.2452, -59.6036



149.4730, 42.1648, -131.0878

Inverse Universe

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



59.4280, 11.1280, 24.1806



70.1120, 17.1998, 36.7358



71.1900, -14.8837, 13.8654



40.6520, 1.1576, 2.0592



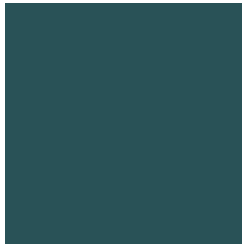
42.8230, 25.7233, 56.2832



94.0910, 56.6501, 123.5772

Previews

White Background



This preview shows how the YUV color 70.3110, 8.2277, -25.7057 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 70.3110, 8.2277, -25.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

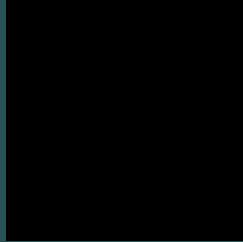
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3110, 8.2277, -25.7057

Background



This preview shows how black text looks on a background with the YUV color 70.3110, 8.2277, -25.7057.



This preview shows how white text looks on a background with the YUV color 70.3110, 8.2277, -25.7057.

-25.7057.

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

70.3110, 8.2277, -25.7057

Protanopia

75.9120, 3.4944, -0.7998

Deuteranopia

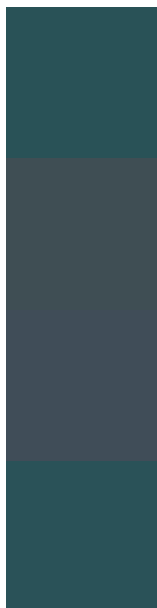
76.6070, 6.1097, 0.3447



Tritanopia

70.7240, 8.5171, -25.1909

Trichromacy



Original Color

70.3110, 8.2277, -25.7057

Protanomaly

74.1990, 4.8319, -9.8215

Deuteranomaly

74.3670, 6.7211, -9.0919

Tritanomaly

70.7240, 8.5171, -25.1909

Monochromacy



Original Color

70.3110, 8.2277, -25.7057

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7430, 3.0847, -9.4216

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3110, 8.2277, -25.7057 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(41, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(41, 82, 87)  
}
```

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(41, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 82, 87) }
```

Border

The CSS property to change the border of an element to YUV 70.3110, 8.2277, -25.7057 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(41, 82, 87) }
```


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

```
.border{ border-color:rgb(41, 82, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 82, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(41, 82, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3110, 8.2277, -25.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 82, 87) }
```

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

```
.background{ background-color: rgb(41, 82,  
87) }
```

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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