

Converting Colors

YUV(85.1570, 25.0656,
-59.7737)

Have a look what the booklet for
YUV(85.1570, 25.0656, -59.7737)
contains.

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Color

**YUV(85.1570, 25.0656,
-59.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	116E88
RGB	17, 110, 136
RGB Percent	7%, 43%, 53%
CMY	0.9333, 0.5686, 0.4667
CMYK	0.88, 0.19, 0.00, 0.47
HSL	193°, 78%, 30%
HSV	193°, 88%, 53%
XYZ	10.2510, 13.0486, 25.2709
YIQ	85.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

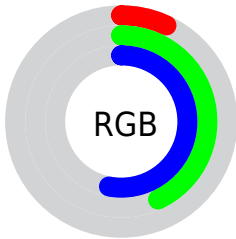
Format	Color
RYB	17, 69, 136
Decimal	1142408
CIELab	42.84, -15.60, -21.47
CIELCh	43, 26.539, 233.988
Yxy	13.0486, 0.2111, 0.2687
Android (android.graphics.Color)	4279332488 (0xFF116E88)
YUV	85.1570, 25.0656, -59.7737
Hunter-Lab	36.1229, -12.5598, -16.1922

Details

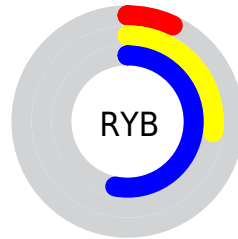
The YUV color **85.1570, 25.0656, -59.7737** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.8430, -25.0656, 59.7737**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3540, 22.9965, -49.4225**, and **46.1980, 19.6224, -40.5156** is the 20% darker color. If you saturate the color by 10%, you get **79.2100, 27.9975, -66.8362**, and if you desaturate by 10%, it is **91.1040, 22.1337, -52.7112**.

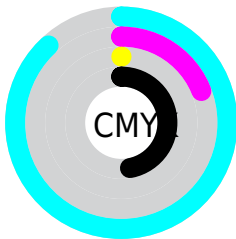
Distribution



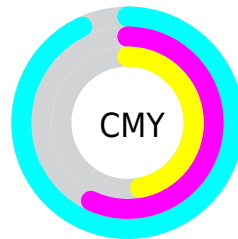
- Red (7%)
- Green (43%)
- Blue (53%)



- Red (7%)
- Yellow (27%)
- Blue (53%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1570, 25.0656, -59.7737 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 85.1570, 25.0656, -59.7737 by changing the saturation by 10% instead.

■ 85.1570, 25.0656,
-59.7737

■ 85.1570, 25.0656,
-59.7737

■ 255.0000, 0.0000,
0.0000

■ 63.1360, 23.5970,
-55.3703

■ 142.3540, 22.9965,
-49.4225

■ 46.1980, 19.6224,
-40.5156

■ 169.7670, 23.2859,
-48.9077

■ 30.6620, 15.9426,
-26.8906

■ 198.1800, 23.5753,
-48.3929

■ 16.4140, 12.1209,
-14.3951

■ 224.0140, 15.2761,
-46.4933

■ 2.7530, 8.0098,
-2.4144

■ 238.5550, 8.1074,
-33.8127

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 85.1570, 25.0656,
-59.7737

■ 85.1570, 25.0656,
-59.7737

■ 79.2100, 27.9975,
-66.8362

■ 91.1040, 22.1337,
-52.7112

■ 77.7260, 28.7291,
-68.1657

■ 96.7520, 19.3493,
-46.2635

■ 102.6990, 16.4174,
-39.2010

■ 108.3470, 13.6329,
-32.7533

■ 114.2940, 10.7011,
-25.6908

■ 120.2410, 7.7692,
-18.6284

■ 125.8890, 4.9847,
-12.1807

■ 131.8360, 2.0529,
-5.1182

■ 137.4840, -0.7316,
1.3295

Harmonies

Analogous

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



80.6800, 18.3988, -68.1254



85.1570, 25.0656, -59.7737



96.2900, 23.5210, -30.9493

Triad

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



85.1570, 25.0656, -59.7737



103.2520, 1.3548, 32.2280



97.7770, -18.6241, 0.1956

Complementary

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



85.1570, 25.0656, -59.7737



67.8430, -25.0656, 59.7737

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.



99.6050, -21.0043, 17.0094



85.1570, 25.0656, -59.7737



102.5270, -9.1338, 36.3718

Square

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



85.1570, 25.0656, -59.7737



104.0960, 11.2917, 18.3328



101.6050, -17.5533, 30.1644



94.6480, -9.6865, -19.8623

Rectangle

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



85.1570, 25.0656, -59.7737



100.8300, 21.2828, -13.0059



101.6050, -17.5533, 30.1644



98.4680, -19.9507, 5.7286

Sweetspot

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



85.1570, 25.0656, -59.7737



156.3760, 9.6746, -23.1318



89.8170, -23.0808, -63.8605



77.4050, 5.7163, -13.5102



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



85.1570, 25.0656, -59.7737



101.0700, 36.9405, -88.6384



50.5240, 42.1397, -29.4005



65.7330, 1.6106, -3.2738



76.2100, 27.9975, -66.8362



2.9180, 1.0264, -2.5591

Inverse Universe

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



63.1830, 23.0808, 63.8605



68.3560, 34.3345, 94.4038



102.4760, -42.1397, 29.4005



64.6630, 1.1521, 3.8035



51.6230, 25.8219, 71.3676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 85.1570, 25.0656, -59.7737 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 × Fail

Black Background



This preview shows how the YUV color 85.1570, 25.0656, -59.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

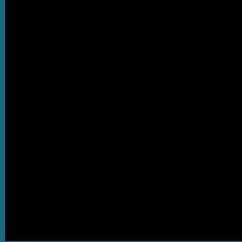
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1570, 25.0656, -59.7737

Background



This preview shows how black text looks on a background with the YUV color 85.1570, 25.0656, -59.7737.

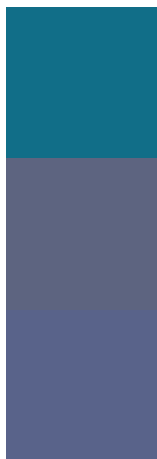


This preview shows how white text looks on a background with the YUV color 85.1570, 25.0656,

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

85.1570, 25.0656, -59.7737

Protanopia

101.0990, 13.2622, -7.1028

Deuteranopia

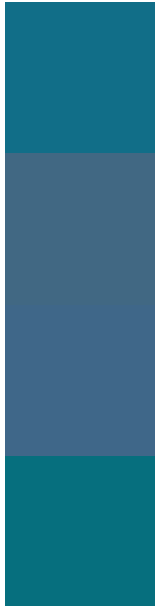
100.4560, 18.5092, -10.0469



Tritanopia

79.5380, 20.4408, -69.7548

Trichromacy



Original Color

85.1570, 25.0656, -59.7737

Protanomaly

95.4170, 17.5424, -26.6757

Deuteranomaly

94.9160, 20.7474, -27.9903

Tritanomaly

81.3150, 22.0297, -66.0513

Monochromacy



Original Color

85.1570, 25.0656, -59.7737

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9740, 9.3798, -21.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1570, 25.0656, -59.7737 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(17, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(17, 110, 136)  
}
```

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(17, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 110, 136) }
```

Border

The CSS property to change the border of an element to YUV 85.1570, 25.0656, -59.7737 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(17, 110, 136) }
```


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

```
.border{ border-color:rgb(17, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(17, 110,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 85.1570, 25.0656, -59.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 110, 136) }
```

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

```
.background{ background-color: rgb(17, 110,  
136) }
```

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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