

Converting Colors

YUV(73.6070, 15.9697,
-35.6123)

Have a look what the booklet for
YUV(73.6070, 15.9697, -35.6123)
contains.

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Color

**YUV(73.6070, 15.9697,
-35.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	21586A
RGB	33, 88, 106
RGB Percent	13%, 35%, 42%
CMY	0.8706, 0.6549, 0.5843
CMYK	0.69, 0.17, 0.00, 0.58
HSL	195°, 53%, 27%
HSV	195°, 69%, 42%
XYZ	6.7184, 8.3434, 14.8920
YIQ	73.6070, -38.5580, -6.0620

Conversions

Conversions Part 2

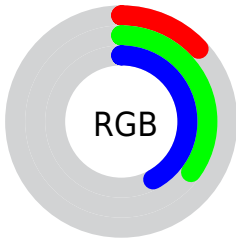
Format	Color
R _Y B	33, 64, 106
Decimal	2185322
CIE Lab	34.69, -11.75, -15.65
CIE LCh	35, 19.571, 233.109
Yxy	8.3434, 0.2243, 0.2785
Android (android.graphics.Color)	4280375402 (0xFF21586A)
YUV	73.6070, 15.9697, -35.6123
Hunter-Lab	28.8849, -9.0307, -10.3483




Details

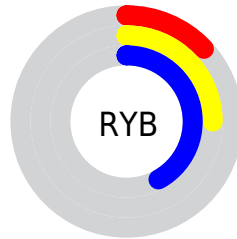
The YUV color **73.6070, 15.9697, -35.6123** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.3930, -15.9697, 35.6123**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.9170, 15.8169, -33.2532**, and **31.3800, 13.6167, -27.5203** is the 20% darker color. If you saturate the color by 10%, you get **68.5570, 18.4594, -40.8305**, and if you desaturate by 10%, it is **78.6570, 13.4801, -30.3942**.

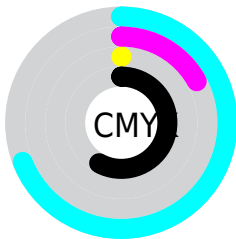
Distribution







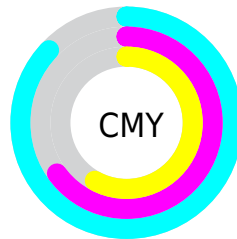
-  Red (13%)
-  Green (35%)
-  Blue (42%)






-  Red (13%)
-  Yellow (25%)
-  Blue (42%)



-  Cyan (69%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6070, 15.9697, -35.6123 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 73.6070, 15.9697, -35.6123 by changing the saturation by 10% instead.

■ 73.6070, 15.9697,
-35.6123

■ 73.6070, 15.9697,
-35.6123

■ 255.0000, 0.0000,
0.0000

■ 47.5030, 17.0070,
-41.6601

■ 124.9170, 15.8169,
-33.2532

■ 31.3800, 13.6167,
-27.5203

■ 151.0310, 16.2537,
-33.3532

■ 17.7190, 9.5055,
-15.5396

■ 178.1450, 16.6905,
-33.4532

■ 2.2970, 6.2626,
-2.0145

■ 206.1450, 16.6905,
-33.4532

■ 0.0000, 0.0000,
0.0000

■ 233.2500, 10.7227,
-32.6683

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 73.6070, 15.9697,
-35.6123

■ 73.6070, 15.9697,
-35.6123

■ 68.5570, 18.4594,
-40.8305

■ 78.6570, 13.4801,
-30.3942

■ 64.3930, 20.5123,
-45.9487

■ 82.8210, 11.4272,
-25.2760

■ 59.3430, 23.0019,
-51.1668

■ 87.8710, 8.9376,
-20.0579

■ 59.0440, 23.1493,
-51.7816

■ 92.0350, 6.8847,
-14.9397

■ 97.0850, 4.3951,
-9.7215

■ 102.1350, 1.9054,
-4.5034

■ 106.2990, -0.1474,
0.6148

■ 111.3490, -2.6371,
5.8329

■ 116.1000, -4.9793,
10.4363

Harmonies

Analogous

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



72.1030, 10.3022, -37.8013



73.6070, 15.9697, -35.6123



78.5210, 16.5051, -20.6279

Triad

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



73.6070, 15.9697, -35.6123



83.7840, 1.0925, 22.9914



79.2700, -12.9511, 0.6402

Complementary

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



73.6070, 15.9697, -35.6123



65.3930, -15.9697, 35.6123

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.



80.8910, -14.7363, 13.2506



73.6070, 15.9697, -35.6123



82.5580, -6.1911, 25.8206

Square

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



73.6070, 15.9697, -35.6123



83.5530, 8.1084, 12.6700



81.9290, -12.2900, 21.9873



77.2620, -7.5242, -13.3848

Rectangle

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



73.6070, 15.9697, -35.6123



81.5440, 15.0148, -9.2471



81.9290, -12.2900, 21.9873



79.9500, -14.2723, 4.4289

Sweetspot

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



73.6070, 15.9697, -35.6123



125.2200, 6.3005, -14.2249



77.7890, -13.7000, -39.2800



61.5690, 3.6635, -8.3920



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.



73.6070, 15.9697, -35.6123



87.1790, 25.0548, -56.2850



52.4750, 26.3878, -17.0796



51.0320, 1.4632, -2.6591



64.9940, 25.6390, -56.9997



135.9380, 53.7676, -119.2176

Inverse Universe

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



61.0970, 13.2632, 39.3799



67.3030, 21.0496, 62.0013



86.5250, -26.3878, 17.0796



50.2500, 0.8628, 3.2887



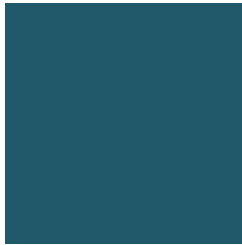
45.0150, 21.1916, 63.1308



94.2310, 44.2561, 132.2244

Previews

White Background



This preview shows how the YUV color 73.6070, 15.9697, -35.6123 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 73.6070, 15.9697, -35.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

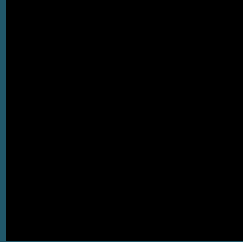
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6070, 15.9697, -35.6123

Background



This preview shows how black text looks on a background with the YUV color 73.6070, 15.9697, -35.6123.



This preview shows how white text looks on a background with the YUV color 73.6070, 15.9697,

-35.6123.

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

73.6070, 15.9697, -35.6123

Protanopia

81.4970, 9.6150, -3.9439

Deuteranopia

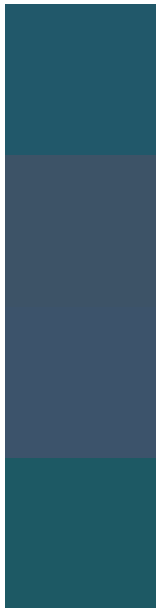
81.6970, 12.9674, -5.8733



Tritanopia

71.9610, 12.3442, -39.4308

Trichromacy



Original Color

73.6070, 15.9697, -35.6123

Protanomaly

78.7020, 11.9789, -15.5247

Deuteranomaly

78.8590, 13.8735, -16.5393

Tritanomaly

72.3140, 13.6492, -37.9864

Monochromacy



Original Color

73.6070, 15.9697, -35.6123

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6070, 15.9697, -35.6123 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(33, 88, 106)` looks like.

```
.text, #text, p{  
    color:rgb(33, 88, 106)  
}
```

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(33, 88, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 88, 106) }
```

Border

The CSS property to change the border of an element to YUV 73.6070, 15.9697, -35.6123 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(33, 88, 106) }
```


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

```
.border{ border-color:rgb(33, 88, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 88, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 88, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 88, 106);  
box-shadow:4px 4px 4px 4px rgb(33, 88,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 73.6070, 15.9697, -35.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 88, 106) }
```

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

```
.background{ background-color: rgb(33, 88,  
106) }
```

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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