

Converting Colors

YUV(71.0610, 20.6759,
-51.7965)

Have a look what the booklet for
YUV(71.0610, 20.6759, -51.7965)
contains.

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Color

**YUV(71.0610, 20.6759,
-51.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5D71
RGB	12, 93, 113
RGB Percent	5%, 36%, 44%
CMY	0.9529, 0.6353, 0.5569
CMYK	0.89, 0.18, 0.00, 0.56
HSL	192°, 81%, 25%
HSV	192°, 89%, 44%
XYZ	7.0466, 9.0991, 17.0077
YIQ	71.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

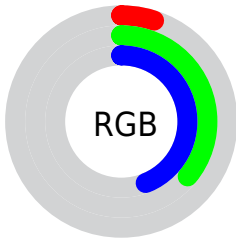
Format	Color
RYB	12, 57, 113
Decimal	810353
CIELab	36.17, -14.84, -17.75
CIELCh	36, 23.141, 230.105
Yxy	9.0991, 0.2125, 0.2745
Android (android.graphics.Color)	4279000433 (0xFF0C5D71)
YUV	71.0610, 20.6759, -51.7965
Hunter-Lab	30.1647, -11.0900, -12.3140

Details

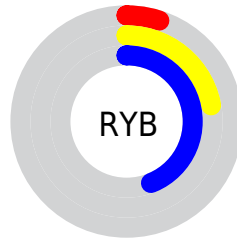
The YUV color **71.0610, 20.6759, -51.7965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.9390, -20.6759, 51.7965**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0730, 19.1910, -42.1600**, and **34.9990, 14.7905, -30.6941** is the 20% darker color. If you saturate the color by 10%, you get **66.5980, 22.8762, -57.5294**, and if you desaturate by 10%, it is **75.5240, 18.4757, -46.0635**.

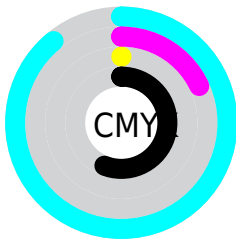
Distribution



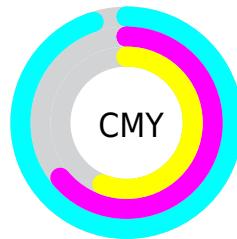
- Red (5%)
- Green (36%)
- Blue (44%)



- Red (5%)
- Yellow (22%)
- Blue (44%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0610, 20.6759, -51.7965 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 71.0610, 20.6759, -51.7965 by changing the saturation by 10% instead.

■ 71.0610, 20.6759,
-51.7965

■ 71.0610, 20.6759,
-51.7965

■ 255.0000, 0.0000,
0.0000

■ 50.5350, 18.4702,
-44.3192

■ 126.0730, 19.1910,
-42.1600

■ 34.9990, 14.7905,
-30.6941

■ 153.0730, 19.1910,
-42.1600

■ 20.7510, 10.9688,
-18.1986

■ 180.4860, 19.4804,
-41.6452

■ 3.0950, 9.3202,
-2.7143

■ 208.1870, 19.6278,
-42.2600

■ 0.0000, 0.0000,
0.0000

■ 234.6790, 10.0183,
-40.0605

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

71.0610, 20.6759,
-51.7965

71.0610, 20.6759,
-51.7965

66.5980, 22.8762,
-57.5294

75.5240, 18.4757,
-46.0635

66.2990, 23.0236,
-58.1442

80.2860, 16.1280,
-39.7158

85.3360, 13.6384,
-34.4977

89.7990, 11.4381,
-28.7647

94.5610, 9.0904,
-22.4170

■ 99.0240, 6.8902,
-16.6840

■ 104.0740, 4.4005,
-11.4659

■ 108.5370, 2.2003,
-5.7329

■ 113.2990, -0.1474,
0.6148

Harmonies

Analogous

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



69.8130, 13.4032, -52.4560



71.0610, 20.6759, -51.7965



80.0900, 20.1686, -29.0199

Triad

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



71.0610, 20.6759, -51.7965



87.1480, 2.3920, 26.1802



82.7710, -16.1561, 1.9548

Complementary

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



71.0610, 20.6759, -51.7965



53.9390, -20.6759, 51.7965

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.



84.4030, -17.9467, 16.3096



71.0610, 20.6759, -51.7965



86.1780, -6.4968, 30.5389

Square

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



71.0610, 20.6759, -51.7965



87.5360, 10.5818, 12.6849



85.2070, -13.9061, 27.0055



79.7950, -9.2659, -14.7292

Rectangle

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



71.0610, 20.6759, -51.7965



84.0210, 18.2306, -14.0504



85.2070, -13.9061, 27.0055



83.1630, -17.3354, 6.8730

Sweetspot

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



71.0610, 20.6759, -51.7965



131.3440, 8.2114, -20.4727



73.4530, -20.9293, -53.8943



63.8890, 4.9847, -12.1807



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



71.0610, 20.6759, -51.7965



86.7250, 30.2086, -76.0578



42.2980, 34.8561, -26.5713



53.6190, 1.1738, -3.1739



70.0320, 24.6342, -61.4181



144.3840, 50.5897, -126.6248

Inverse Universe

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



51.4330, 20.4925, 53.9943



57.8180, 30.1627, 79.0896



82.7020, -34.8561, 26.5713



52.3640, 1.2995, 3.1888



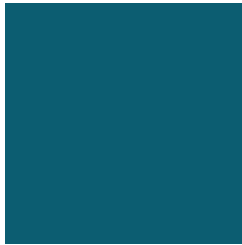
46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 71.0610, 20.6759, -51.7965 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 71.0610, 20.6759, -51.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

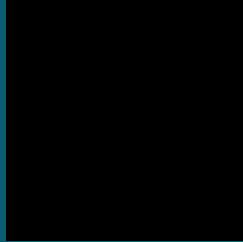
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0610, 20.6759, -51.7965

Background



This preview shows how black text looks on a background with the YUV color 71.0610, 20.6759, -51.7965.



This preview shows how white text looks on a background with the YUV color 71.0610, 20.6759,

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

71.0610, 20.6759, -51.7965

Protanopia

85.0130, 10.3466, -5.2734

Deuteranopia

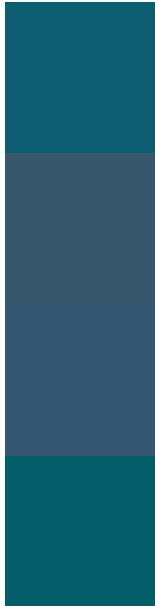
85.1420, 14.7200, -8.0175



Tritanopia

66.8060, 17.3506, -58.5889

Trichromacy



Original Color

71.0610, 20.6759, -51.7965

Protanomaly

79.9400, 14.3266, -21.8724

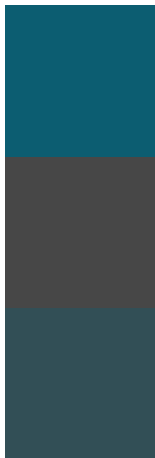
Deuteranomaly

79.9120, 16.8054, -23.6018

Tritanomaly

68.4580, 18.5082, -56.5297

Monochromacy



Original Color

71.0610, 20.6759, -51.7965

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0610, 20.6759, -51.7965 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(12, 93, 113)` looks like.

```
.text, #text, p{  
    color:rgb(12, 93, 113)  
}
```

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(12, 93, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 93, 113) }
```

Border

The CSS property to change the border of an element to YUV 71.0610, 20.6759, -51.7965 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(12, 93, 113) }
```


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

```
.border{ border-color:rgb(12, 93, 113) }
```

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

Here you see how a box with a 4 pixel rgb(12, 93, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 93, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 93, 113);  
box-shadow:4px 4px 4px 4px rgb(12, 93,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 71.0610, 20.6759, -51.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 93, 113) }
```

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

```
.background{ background-color: rgb(12, 93,  
113) }
```

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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