

Converting Colors

YUV(71.5170, 22.4231,
-52.1964)

Have a look what the booklet for
YUV(71.5170, 22.4231, -52.1964)
contains.

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Color

**YUV(71.5170, 22.4231,
-52.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5D75
RGB	12, 93, 117
RGB Percent	5%, 36%, 46%
CMY	0.9529, 0.6353, 0.5412
CMYK	0.90, 0.21, 0.00, 0.54
HSL	194°, 81%, 25%
HSV	194°, 90%, 46%
XYZ	7.2769, 9.1912, 18.2202
YIQ	71.5170, -55.9800, -9.7080

Conversions

Conversions Part 2

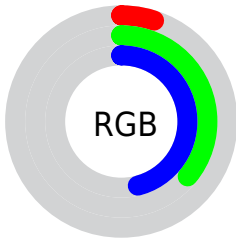
Format	Color
R _Y B	12, 58, 117
Decimal	810357
CIE Lab	36.35, -13.34, -19.95
CIE LCh	36, 23.999, 236.244
Yxy	9.1912, 0.2098, 0.2650
Android (android.graphics.Color)	4279000437 (0xFF0C5D75)
YUV	71.5170, 22.4231, -52.1964
Hunter-Lab	30.3170, -10.2103, -14.4107

Details

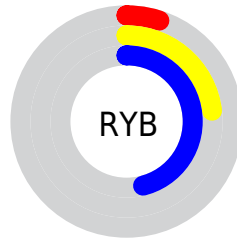
The YUV color **71.5170, 22.4231, -52.1964** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.4830, -22.4231, 52.1964**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5290, 20.9382, -42.5599**, and **35.4550, 16.5377, -31.0940** is the 20% darker color. If you saturate the color by 10%, you get **66.1680, 25.0602, -58.0293**, and if you desaturate by 10%, it is **76.8660, 19.7861, -46.3635**.

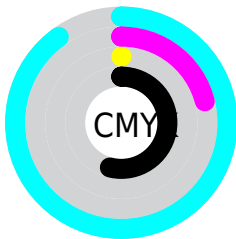
Distribution



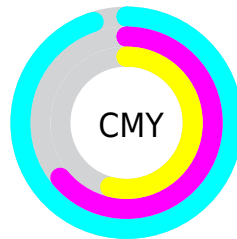
- Red (5%)
- Green (36%)
- Blue (46%)



- Red (5%)
- Yellow (23%)
- Blue (46%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5170, 22.4231, -52.1964 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 71.5170, 22.4231, -52.1964 by changing the saturation by 10% instead.

71.5170, 22.4231,
-52.1964

71.5170, 22.4231,
-52.1964

255.0000, 0.0000,
0.0000

50.9910, 20.2174,
-44.7191

126.5290, 20.9382,
-42.5599

35.4550, 16.5377,
-31.0940

153.8280, 20.7908,
-41.9452

21.0930, 12.2792,
-18.4986

181.2410, 21.0802,
-41.4304

3.5510, 11.0674,
-3.1142

209.3550, 21.5170,
-41.5303

0.0000, 0.0000,
0.0000

234.9780, 9.8708,
-39.4457

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

71.5170, 22.4231,
-52.1964

71.5170, 22.4231,
-52.1964

66.1680, 25.0602,
-58.0293

76.8660, 19.7861,
-46.3635

81.3290, 17.5858,
-40.6305

86.6780, 14.9487,
-34.7976

92.0270, 12.3117,
-28.9647

96.4900, 10.1114,
-23.2317

■ 101.8390, 7.4744,
-17.3988

■ 107.1880, 4.8373,
-11.5659

■ 111.9500, 2.4897,
-5.2181

■ 117.0000, 0.0000,
0.0000

Harmonies

Analogous

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



67.3930, 17.0613, -59.1037



71.5170, 22.4231, -52.1964



81.3400, 21.0314, -25.7312

Triad

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



71.5170, 22.4231, -52.1964



87.7030, 0.6394, 28.3245



82.1620, -15.8559, -1.0191

Complementary

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



71.5170, 22.4231, -52.1964



57.4830, -22.4231, 52.1964

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.



84.5660, -18.5200, 13.5356



71.5170, 22.4231, -52.1964



86.9070, -8.8282, 31.6536

Square

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



71.5170, 22.4231, -52.1964



88.2160, 9.2605, 16.4736



85.7400, -15.6478, 25.6610



79.7020, -8.2341, -19.0327

Rectangle

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



71.5170, 22.4231, -52.1964



85.3420, 18.0724, -9.9469



85.7400, -15.6478, 25.6610



83.4400, -17.4719, 3.9991

Sweetspot

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



71.5170, 22.4231, -52.1964



135.4580, 8.6482, -20.5727



76.2570, -20.3397, -56.3534



66.0030, 5.4215, -12.2806



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



71.5170, 22.4231, -52.1964



86.7080, 32.6820, -76.0429



41.5800, 37.1821, -25.9417



56.0320, 1.4632, -2.6591



69.0860, 26.0866, -60.5884



141.7910, 53.3470, -124.3507

Inverse Universe

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



52.6290, 19.9029, 56.4534



59.1990, 28.9889, 82.2635



87.4200, -37.1821, 25.9417



55.2500, 0.8628, 3.2888



47.1940, 23.0754, 65.6049



96.7520, 47.4503, 134.3985

Previews

White Background



This preview shows how the YUV color 71.5170, 22.4231, -52.1964 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 71.5170, 22.4231, -52.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

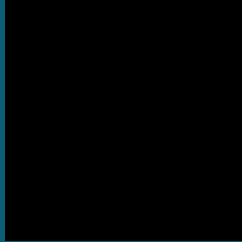
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

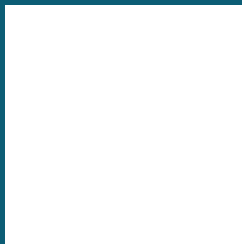
Any Text WCAG AAA × Fail

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

YUV 71.5170, 22.4231, -52.1964 Background



This preview shows how black text looks on a background with the YUV color 71.5170, 22.4231, -52.1964.

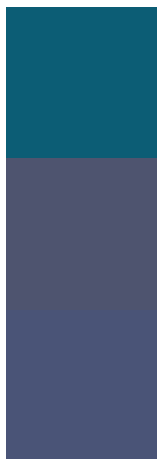


This preview shows how white text looks on a background with the YUV color 71.5170, 22.4231,

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

71.5170, 22.4231, -52.1964

Protanopia

85.2840, 12.6780, -6.3881

Deuteranopia

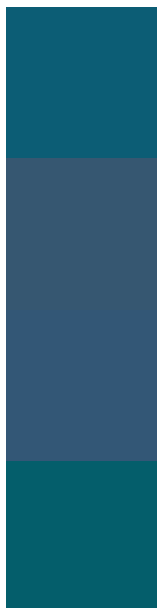
85.0000, 16.7620, -9.6470



Tritanopia

67.3930, 17.0613, -59.1037

Trichromacy



Original Color

71.5170, 22.4231, -52.1964

Protanomaly

80.0970, 16.2212, -22.8871

Deuteranomaly

79.7700, 18.8474, -25.2313

Tritanomaly

68.5720, 18.9450, -56.6296

Monochromacy



Original Color

71.5170, 22.4231, -52.1964

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9420, 7.9166, -19.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5170, 22.4231, -52.1964 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(12, 93, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 93, 117) }
```

Border

The CSS property to change the border of an element to YUV 71.5170, 22.4231, -52.1964 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, 117) }
```


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

```
.border{ border-color:rgb(12, 93, 117) }
```

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, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 93, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 93, 117);  
box-shadow:4px 4px 4px 4px rgb(12, 93,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 71.5170, 22.4231, -52.1964 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, 117) }
```

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

```
.background{ background-color: rgb(12, 93,  
117) }
```

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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