

Converting Colors

YUV(71.4290, 12.6065,
-30.1942)

Have a look what the booklet for
YUV(71.4290, 12.6065, -30.1942)
contains.

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Color

**YUV(71.4290, 12.6065,
-30.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	255461
RGB	37, 84, 97
RGB Percent	15%, 33%, 38%
CMY	0.8549, 0.6706, 0.6196
CMYK	0.62, 0.13, 0.00, 0.62
HSL	193°, 45%, 26%
HSV	193°, 62%, 38%
XYZ	6.0909, 7.5970, 12.4546
YIQ	71.4290, -32.1850, -5.9210

Conversions

Conversions Part 2

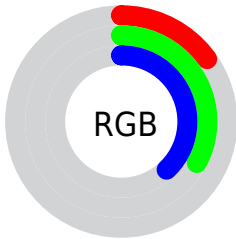
Format	Color
R_{YB}	37, 63, 97
Decimal	2446433
CIE _{Lab}	33.13, -11.68, -12.38
CIE _{LCh}	33, 17.018, 226.674
Yxy	7.5970, 0.2330, 0.2906
Android (android.graphics.Color)	4280636513 (0xFF255461)
YUV	71.4290, 12.6065, -30.1942
Hunter-Lab	27.5627, -8.7889, -7.4971




Details

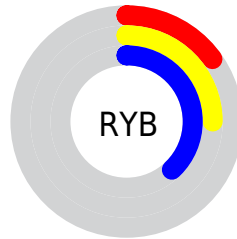
The YUV color **71.4290, 12.6065, -30.1942** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.5710, -12.6065, 30.1942**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **121.8420, 12.8959, -29.6794**, and **28.7070, 10.9904, -25.1760** is the 20% darker color. If you saturate the color by 10%, you get **67.2650, 14.6594, -35.3124**, and if you desaturate by 10%, it is **75.5930, 10.5537, -25.0761**.

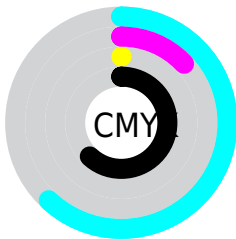
Distribution







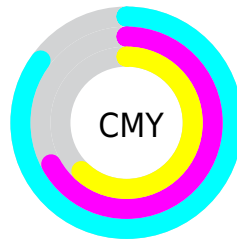
-  Red (15%)
-  Green (33%)
-  Blue (38%)






-  Red (15%)
-  Yellow (25%)
-  Blue (38%)



-  Cyan (62%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (85%)
-  Magenta (67%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4290, 12.6065, -30.1942 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 71.4290, 12.6065, -30.1942 by changing the saturation by 10% instead.

71.4290, 12.6065,
-30.1942

71.4290, 12.6065,
-30.1942

255.0000, 0.0000,
0.0000

45.9230, 13.3490,
-35.0125

121.8420, 12.8959,
-29.6794

28.7070, 10.9904,
-25.1760

147.8420, 12.8959,
-29.6794

14.5730, 7.6055,
-12.7805

174.9560, 13.3327,
-29.7794

0.1140, 0.4368,
-0.1000

202.6570, 13.4801,
-30.3942

0.0000, 0.0000,
0.0000

230.3150, 12.1697,
-30.0943

245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 71.4290, 12.6065,
-30.1942

■ 71.4290, 12.6065,
-30.1942

■ 67.2650, 14.6594,
-35.3124

■ 75.5930, 10.5537,
-25.0761

■ 63.4000, 16.5648,
-39.8158

■ 79.4580, 8.6482,
-20.5727

■ 59.2360, 18.6177,
-44.9340

■ 83.6220, 6.5954,
-15.4545

■ 55.6700, 20.3757,
-48.8226

■ 87.7860, 4.5425,
-10.3363

■ 92.5370, 2.2003,
-5.7329

■ 96.4020, 0.2948,
-1.2296

■ 100.5660, -1.7580,
3.8886

■ 104.7300, -3.8109,
9.0068

■ 108.5950, -5.7163,
13.5102

Harmonies

Analogous

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



70.6480, 7.0755, -29.5093



71.4290, 12.6065, -30.1942



74.9510, 14.3212, -20.1280

Triad

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



71.4290, 12.6065, -30.1942



80.2780, 1.8349, 18.1732



76.2210, -11.9410, 3.3142

Complementary

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



71.4290, 12.6065, -30.1942



62.5710, -12.6065, 30.1942

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.



77.7600, -12.6997, 13.3655



71.4290, 12.6065, -30.1942



79.4050, -4.1437, 22.4468

Square

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



71.4290, 12.6065, -30.1942



79.8190, 7.9772, 8.0517



78.9010, -9.8112, 20.2578



74.8820, -7.8298, -8.6665

Rectangle

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



71.4290, 12.6065, -30.1942



77.0770, 13.2730, -10.5915



78.9010, -9.8112, 20.2578



76.7160, -12.6780, 6.3881

Sweetspot

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



71.4290, 12.6065, -30.1942



114.8890, 4.9847, -12.1807



73.7020, -11.6851, -32.1877



57.7540, 3.0793, -7.6773



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.4290, 12.6065, -30.1942



85.4530, 19.4967, -46.8783



53.8190, 21.2882, -14.7503



46.2170, 0.8790, -1.9443



64.4240, 23.4550, -56.4998



137.7160, 50.4260, -120.7769

Inverse Universe

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



60.2980, 11.6851, 32.1877



68.1290, 18.1774, 49.8759



80.1810, -21.2882, 14.7503



45.5380, 0.7208, 2.1592



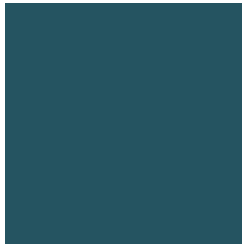
43.5200, 21.9286, 60.0570



93.1920, 46.7403, 128.7506

Previews

White Background



This preview shows how the YUV color 71.4290, 12.6065, -30.1942 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 71.4290, 12.6065, -30.1942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

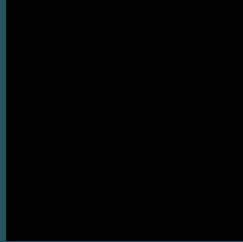
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4290, 12.6065, -30.1942

Background



This preview shows how black text looks on a background with the YUV color 71.4290, 12.6065, -30.1942.



This preview shows how white text looks on a background with the YUV color 71.4290, 12.6065,

-30.1942.

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

71.4290, 12.6065, -30.1942

Protanopia

78.1120, 6.8468, -2.7292

Deuteranopia

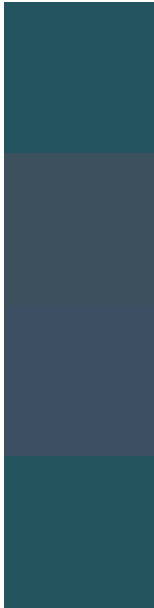
78.0240, 10.3412, -3.5290



Tritanopia

70.8480, 10.4279, -31.4387

Trichromacy



Original Color

71.4290, 12.6065, -30.1942

Protanomaly

75.9150, 8.9159, -13.0805

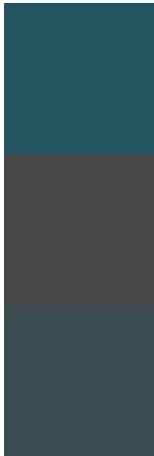
Deuteranomaly

75.7840, 10.9525, -12.9656

Tritanomaly

71.3750, 11.1541, -31.0239

Monochromacy



Original Color

71.4290, 12.6065, -30.1942

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.3730, 4.2531, -10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4290, 12.6065, -30.1942 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(37, 84, 97)` looks like.

```
.text, #text, p{  
    color:rgb(37, 84, 97)  
}
```

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(37, 84, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 84, 97) }
```

Border

The CSS property to change the border of an element to YUV 71.4290, 12.6065, -30.1942 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(37, 84, 97) }
```


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

```
.border{ border-color:rgb(37, 84, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 84, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 84, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 84, 97);  
box-shadow:4px 4px 4px 4px rgb(37, 84, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.4290, 12.6065, -30.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 84, 97) }
```

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

```
.background{ background-color: rgb(37, 84,  
97) }
```

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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