

Converting Colors

YUV(141.2690, 28.4614,
-75.6579)

Have a look what the booklet for
YUV(141.2690, 28.4614, -75.6579)
contains.

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Color

**YUV(141.2690, 28.4614,
-75.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	37AEC7
RGB	55, 174, 199
RGB Percent	22%, 68%, 78%
CMY	0.7843, 0.3176, 0.2196
CMYK	0.72, 0.13, 0.00, 0.22
HSL	190°, 57%, 50%
HSV	190°, 72%, 78%
XYZ	27.0204, 35.2078, 59.4045
YIQ	141.2690, -78.9490, -17.4530

Conversions

Conversions Part 2

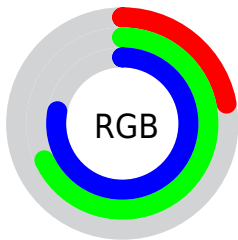
Format	Color
RYB	55, 120, 199
Decimal	3649223
CIELab	65.91, -24.29, -22.20
CIELCh	66, 32.910, 222.421
Yxy	35.2078, 0.2221, 0.2895
Android (android.graphics.Color)	4281839303 (0xFF37AEC7)
YUV	141.2690, 28.4614, -75.6579
Hunter-Lab	59.3362, -22.5534, -17.8229

Details

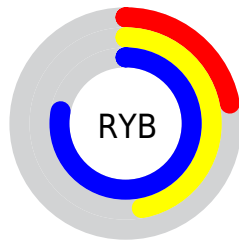
The YUV color **141.2690, 28.4614, -75.6579** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **112.7310, -28.4614, 75.6579**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2590, 26.9873, -69.5101**, and **87.5570, 28.3194, -76.7875** is the 20% darker color. If you saturate the color by 10%, you get **133.5280, 32.2777, -86.4091**, and if you desaturate by 10%, it is **149.0100, 24.6451, -64.9068**.

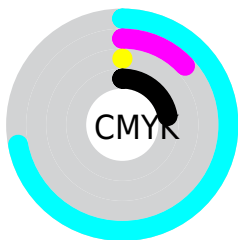
Distribution



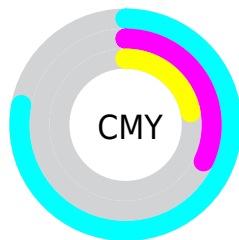
- Red (22%)
- Green (68%)
- Blue (78%)



- Red (22%)
- Yellow (47%)
- Blue (78%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.2690, 28.4614, -75.6579 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 141.2690, 28.4614, -75.6579 by changing the saturation by 10% instead.

■ 141.2690, 28.4614,
-75.6579

■ 141.2690, 28.4614,
-75.6579

■ 255.0000, 0.0000,
0.0000

■ 105.8970, 32.5888,
-92.8717

■ 200.2590, 26.9873,
-69.5101

■ 87.5570, 28.3194,
-76.7875

■ 224.2030, 15.1829,
-63.3220

■ 69.9180, 24.1974,
-61.3181

■ 233.1730, 10.7607,
-44.8787

■ 53.0940, 20.6597,
-46.5634

■ 242.1430, 6.3385,
-26.4354

■ 36.8570, 16.8325,
-32.3236

■ 251.1130, 1.9163,
-7.9921

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 141.2690, 28.4614,
-75.6579

■ 141.2690, 28.4614,
-75.6579

■ 133.5280, 32.2777,
-86.4091

■ 149.0100, 24.6451,
-64.9068

■ 125.2000, 36.3834,
-96.6454

■ 157.3380, 20.5394,
-54.6704

■ 118.9540, 39.4627,
-104.3227

■ 165.0790, 16.7231,
-43.9193

■ 173.4070, 12.6173,
-33.6829

■ 181.1480, 8.8010,
-22.9318

■ 189.1770, 4.8427,
-13.3102

■ 196.9180, 1.0264,
-2.5591

■ 205.2460, -3.0793,
7.6773

■ 212.9870, -6.8956,
18.4284

Harmonies

Analogous

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



142.0560, 14.7624, -68.4551



141.2690, 28.4614, -75.6579



150.4490, 32.3166, -52.1368

Triad

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



141.2690, 28.4614, -75.6579



164.4790, 7.1589, 37.2909



156.9540, -27.0923, 9.6873

Complementary

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



141.2690, 28.4614, -75.6579



112.7310, -28.4614, 75.6579

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.



159.3850, -27.3048, 31.2344



141.2690, 28.4614, -75.6579



163.1740, -6.9878, 48.0824

Square

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



141.2690, 28.4614, -75.6579



163.6530, 19.8911, 13.4593



161.5360, -19.4912, 45.1339



153.3790, -18.4278, -16.1184

Rectangle

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



141.2690, 28.4614, -75.6579



156.8370, 30.6464, -29.6750



161.5360, -19.4912, 45.1339



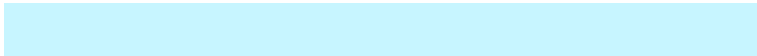
158.0690, -28.1350, 17.4795

Sweetspot

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



141.2690, 28.4614, -75.6579



232.3860, 11.1487, -29.2795



142.2640, -31.1892, -76.5305



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



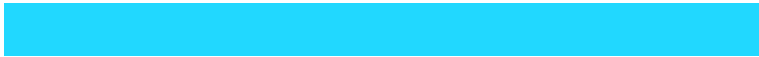
128.0000, 0.0000, 0.0000

Same Dimension

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



141.2690, 28.4614, -75.6579



165.7290, 44.0106, -116.4033



99.5920, 49.0081, -39.1072



95.7220, 1.6161, -5.0182



97.8270, 32.1303, -85.7943



21.7140, 7.0430, -19.0432

Inverse Universe

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



111.6220, 30.7524, 76.6305



120.2400, 47.2097, 118.1845



154.4080, -49.0081, 39.1072



93.6030, 2.1677, 4.7332



64.1270, 34.9404, 86.7116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 141.2690, 28.4614, -75.6579 looks on a white 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

Black Background



This preview shows how the YUV color 141.2690, 28.4614, -75.6579 looks on a black 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

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

YUV 141.2690, 28.4614, -75.6579

Background



This preview shows how black text looks on a background with the YUV color 141.2690, 28.4614, -75.6579.



This preview shows how white text looks on a background with the YUV color 141.2690, 28.4614, -75.6579.

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

141.2690, 28.4614, -75.6579

Protanopia

159.9250, 13.8410, -6.0732

Deuteranopia

159.8630, 21.2665, -7.7729



Tritanopia

139.3240, 24.9833, -80.0911

Trichromacy



Original Color

141.2690, 28.4614, -75.6579

Protanomaly

153.1390, 19.1585, -31.6939

Deuteranomaly

153.3930, 23.9633, -32.7937

Tritanomaly

139.9760, 26.1408, -78.0320

Monochromacy



Original Color

141.2690, 28.4614, -75.6579

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.2690, 28.4614, -75.6579 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(55, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(55, 174, 199)  
}
```

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(55, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 174, 199) }
```

Border

The CSS property to change the border of an element to YUV 141.2690, 28.4614, -75.6579 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(55, 174, 199) }
```


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

```
.border{ border-color:rgb(55, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(55, 174,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 141.2690, 28.4614, -75.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 174, 199) }
```

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

```
.background{ background-color: rgb(55, 174,  
199) }
```

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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