

Converting Colors

YUV(156.2860, 35.8480,
-111.6298)

Have a look what the booklet for
YUV(156.2860, 35.8480, -111.6298)
contains.

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Color

**YUV(156.2860, 35.8480,
-111.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	1DCFE5
RGB	29, 207, 229
RGB Percent	11%, 81%, 90%
CMY	0.8863, 0.1882, 0.1020
CMYK	0.87, 0.10, 0.00, 0.10
HSL	187°, 79%, 51%
HSV	187°, 87%, 90%
XYZ	36.9624, 50.5440, 81.9366
YIQ	156.2860, -113.1500, -30.8940

Conversions

Conversions Part 2

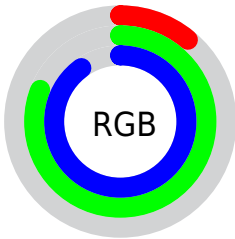
Format	Color
R_{YB}	29, 123, 229
Decimal	1953765
CIE _{Lab}	76.40, -33.33, -22.60
CIE _{LCh}	76, 40.267, 214.145
Yxy	50.5440, 0.2181, 0.2983
Android (android.graphics.Color)	4280143845 (0xFF1DCFE5)
YUV	156.2860, 35.8480, -111.6298
Hunter-Lab	71.0943, -31.6118, -18.5660

Details

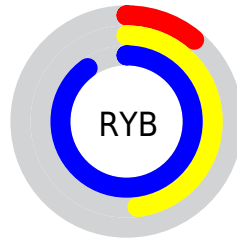
The YUV color **156.2860, 35.8480, -111.6298** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **101.7140, -35.8480, 111.6298**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **109.0600, 32.0154, -95.6456** is the 20% darker color. If you saturate the color by 10%, you get **147.6480, 40.1065, -124.2253**, and if you desaturate by 10%, it is **164.9240, 31.5895, -99.0343**.

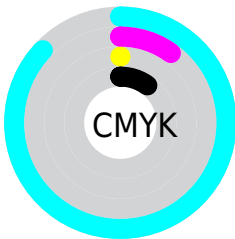
Distribution



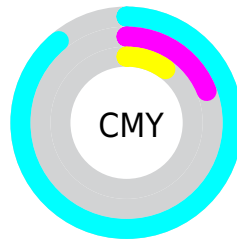
- Red (11%)
- Green (81%)
- Blue (90%)



- Red (11%)
- Yellow (48%)
- Blue (90%)



- Cyan (87%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2860, 35.8480, -111.6298 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 156.2860, 35.8480, -111.6298 by changing the saturation by 10% instead.

156.2860, 35.8480,
-111.6298

156.2860, 35.8480,
-111.6298

255.0000, 0.0000,
0.0000

127.9870, 35.9954,
-112.2446

213.7380, 20.3422,
-84.8392

109.0600, 32.0154,
-95.6456

223.6050, 15.4777,
-64.5516

90.7200, 27.7460,
-79.5614

233.1730, 10.7607,
-44.8787

72.4940, 23.9135,
-63.5772

242.4420, 6.1911,
-25.8206

55.5560, 19.9389,
-48.7226

252.0100, 1.4741,
-6.1478

38.7320, 16.4011,
-33.9680

24.4840, 12.5794,

-21.4725

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 156.2860, 35.8480,
-111.6298

■ 156.2860, 35.8480,
-111.6298

■ 147.6480, 40.1065,
-124.2253

■ 164.9240, 31.5895,
-99.0343

■ 145.8540, 40.9910,
-127.9140

■ 172.9750, 27.6203,
-85.9241

■ 181.6130, 23.3618,
-73.3286

■ 189.6640, 19.3926,
-60.2183

■ 198.3020, 15.1341,
-47.6229

■ 206.0540, 11.3124,
-35.1274

■ 214.6920, 7.0538,
-22.5319

■ 222.7430, 3.0847,
-9.4216

■ 231.3810, -1.1738,
3.1739

Harmonies

Analogous

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



165.6260, 13.4954, -82.1100



156.2860, 35.8480, -111.6298



170.3790, 41.7182, -81.0164

Triad

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



156.2860, 35.8480, -111.6298



193.9230, 13.8420, 40.4095



185.4300, -35.7080, 19.7939

Complementary

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



156.2860, 35.8480, -111.6298



101.7140, -35.8480, 111.6298

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.



188.3930, -32.7317, 45.2593



156.2860, 35.8480, -111.6298



190.6680, -2.7943, 56.4192

Square

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



156.2860, 35.8480, -111.6298



192.1990, 28.4959, 6.8415



189.4990, -19.9660, 57.4444



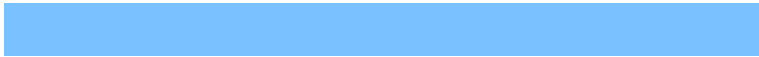
181.4090, -27.3166, -11.7597

Rectangle

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



156.2860, 35.8480, -111.6298



179.4260, 37.2580, -50.3626



189.4990, -19.9660, 57.4444



186.7840, -35.8825, 29.1304

Sweetspot

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



156.2860, 35.8480, -111.6298



231.1570, 11.7546, -36.9717



148.6800, -49.1422, -104.9594



113.1050, 7.3432, -22.0171



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.



156.2860, 35.8480, -111.6298



162.3190, 45.6917, -142.3538



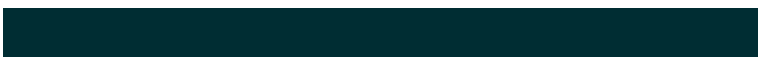
98.7600, 64.2083, -61.1795



110.2380, 2.3477, -6.3477



113.7390, 32.1737, -99.7491



32.2290, 9.2541, -28.2648

Inverse Universe

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



109.0920, 48.2686, 105.1593



102.1230, 61.5644, 134.0731



159.2400, -64.2083, 61.1795



107.7280, 2.5991, 6.3775



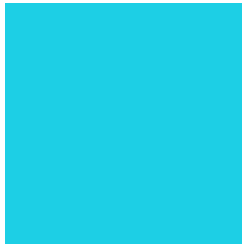
71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 156.2860, 35.8480, -111.6298 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 156.2860, 35.8480, -111.6298 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 156.2860, 35.8480, -111.6298 Background



This preview shows how black text looks on a background with the YUV color 156.2860, 35.8480, -111.6298.



This preview shows how white text looks on a background with the YUV color 156.2860, 35.8480, -111.6298.

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

156.2860, 35.8480, -111.6298

Protanopia

187.5230, 13.5462, -4.8437

Deuteranopia

188.2160, 22.5715, -6.3284



Tritanopia

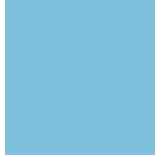
153.7260, 35.1381, -117.2777

Trichromacy



Original Color

156.2860, 35.8480, -111.6298



Protanomaly

176.0450, 21.6698, -43.8895



Deuteranomaly

176.8260, 27.2008, -44.5744



Tritanomaly

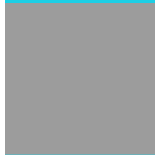
154.7370, 35.1327, -115.5333

Monochromacy



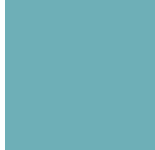
Original Color

156.2860, 35.8480, -111.6298



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.4770, 13.0758, -40.7603

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2860, 35.8480, -111.6298 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(29, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(29, 207, 229)  
}
```

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(29, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 207, 229) }
```

Border

The CSS property to change the border of an element to YUV 156.2860, 35.8480, -111.6298 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(29, 207, 229) }
```


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

```
.border{ border-color:rgb(29, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(29, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 156.2860, 35.8480, -111.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 207, 229) }
```

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

```
.background{ background-color: rgb(29, 207,  
229) }
```

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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