

Converting Colors

YUV(164.0790, 36.4431,
-115.8333)

Have a look what the booklet for
YUV(164.0790, 36.4431, -115.8333)
contains.

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Color

**YUV(164.0790, 36.4431,
-115.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	20D9EE
RGB	32, 217, 238
RGB Percent	13%, 85%, 93%
CMY	0.8745, 0.1490, 0.0667
CMYK	0.87, 0.09, 0.00, 0.07
HSL	186°, 86%, 53%
HSV	186°, 87%, 93%
XYZ	40.8411, 56.1058, 89.5659
YIQ	164.0790, -117.0010, -32.6890

Conversions

Conversions Part 2

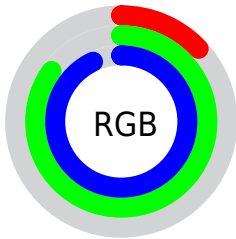
Format	Color
R _Y B	32, 129, 238
Decimal	2152942
CIE Lab	79.67, -35.09, -22.44
CIE LCh	80, 41.648, 212.602
Yxy	56.1058, 0.2190, 0.3008
Android (android.graphics.Color)	4280343022 (0xFF20D9EE)
YUV	164.0790, 36.4431, -115.8333
Hunter-Lab	74.9038, -33.7550, -18.4630

Details

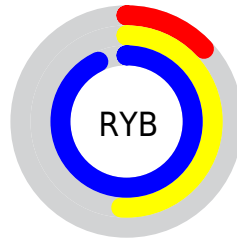
The YUV color **164.0790, 36.4431, -115.8333** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **105.9210, -36.4431, 115.8333**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **115.8420, 32.6159, -101.5934** is the 20% darker color. If you saturate the color by 10%, you get **155.7290, 40.5596, -129.5583**, and if you desaturate by 10%, it is **172.4290, 32.3265, -102.1082**.

Distribution



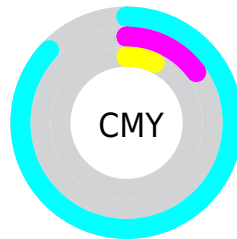
- Red (13%)
- Green (85%)
- Blue (93%)



- Red (13%)
- Yellow (51%)
- Blue (93%)



- Cyan (87%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0790, 36.4431, -115.8333 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 164.0790, 36.4431, -115.8333 by changing the saturation by 10% instead.

164.0790, 36.4431,
-115.8333

164.0790, 36.4431,
-115.8333

255.0000, 0.0000,
0.0000

134.8830, 37.0327,
-118.2924

214.6350, 19.8999,
-82.9949

115.8420, 32.6159,
-101.5934

224.8010, 14.8881,
-62.0925

96.9150, 28.6359,
-84.9945

234.3690, 10.1711,
-42.4196

78.6890, 24.8033,
-69.0103

243.9370, 5.4541,
-22.7467

61.1640, 21.1181,
-53.6408

253.5050, 0.7370,
-3.0739

44.3400, 17.5804,
-38.8862

29.3910, 13.6112,

-25.7759

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 164.0790, 36.4431,
-115.8333

■ 164.0790, 36.4431,
-115.8333

■ 155.7290, 40.5596,
-129.5583

■ 172.4290, 32.3265,
-102.1082

■ 152.7500, 42.0282,
-133.9617

■ 181.3660, 27.9206,
-88.8980

■ 189.4170, 23.9514,
-75.7877

■ 198.3540, 19.5455,
-62.5775

■ 206.7040, 15.4289,
-48.8524

■ 215.6410, 11.0230,
-35.6422

■ 223.9910, 6.9064,
-21.9171

■ 232.0420, 2.9373,
-8.8068

■ 240.9790, -1.4686,
4.4034

Harmonies

Analogous

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



174.3870, 12.6272, -83.6544



164.0790, 36.4431, -115.8333



176.2490, 38.8242, -86.1644

Triad

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



164.0790, 36.4431, -115.8333



202.6780, 15.4417, 40.6244



194.3980, -37.1712, 22.4530

Complementary

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



164.0790, 36.4431, -115.8333



105.9210, -36.4431, 115.8333

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.



197.4750, -33.7582, 47.8184



164.0790, 36.4431, -115.8333



196.6180, -0.3047, 51.2010

Square

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



164.0790, 36.4431, -115.8333



199.8460, 27.1909, 5.3971



194.6340, -18.0606, 52.9410



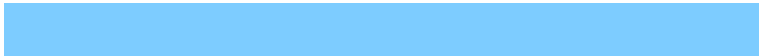
190.5510, -29.3586, -10.1302

Rectangle

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



164.0790, 36.4431, -115.8333



186.1930, 33.9219, -53.6663



194.6340, -18.0606, 52.9410



195.7520, -37.3457, 31.7895

Sweetspot

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



164.0790, 36.4431, -115.8333



231.1570, 11.7546, -36.9717



155.3160, -50.4418, -108.1481



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.



164.0790, 36.4431, -115.8333



163.4930, 45.1130, -143.3834



103.6180, 66.2503, -62.8090



115.8250, 2.0583, -6.8625



117.8310, 32.6213, -103.3378



35.7340, 9.9911, -31.3387

Inverse Universe

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



114.6840, 50.4418, 108.1481



102.3510, 62.4380, 133.8732



166.3820, -66.2503, 62.8090



112.8420, 3.0359, 6.2776



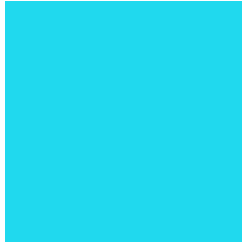
73.8260, 44.9488, 96.6226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 164.0790, 36.4431, -115.8333 looks on a white background.

Color Contrast Check

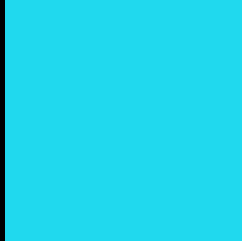
Large Text (above 18pt) WCAG AA × Fail

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 164.0790, 36.4431, -115.8333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

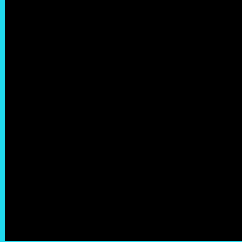
Any Text WCAG AA ✓ Pass

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 164.0790, 36.4431, -115.8333 Background



This preview shows how black text looks on a background with the YUV color 164.0790, 36.4431, -115.8333.



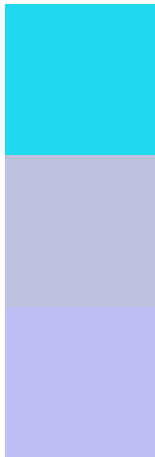
This preview shows how white text looks on a background with the YUV color 164.0790, 36.4431, -115.8333.

-115.8333.

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

164.0790, 36.4431, -115.8333

Protanopia

196.4090, 13.1094, -4.7437

Deuteranopia

197.3300, 23.0083, -6.4284



Tritanopia

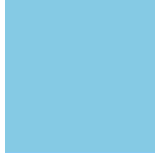
162.2420, 35.8697, -118.6072

Trichromacy



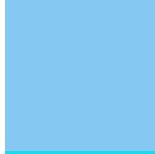
Original Color

164.0790, 36.4431, -115.8333



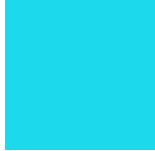
Protanomaly

184.3330, 21.5278, -45.0190



Deuteranomaly

185.3420, 27.9324, -45.9039



Tritanomaly

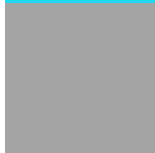
162.9540, 36.0117, -117.4777

Monochromacy



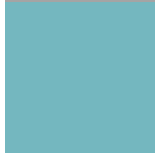
Original Color

164.0790, 36.4431, -115.8333



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8790, 13.3707, -41.9899

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0790, 36.4431, -115.8333 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(32, 217, 238)` looks like.

```
.text, #text, p{  
    color:rgb(32, 217, 238)  
}
```

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(32, 217, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 217, 238) }
```

Border

The CSS property to change the border of an element to YUV 164.0790, 36.4431, -115.8333 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(32, 217, 238) }
```


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

```
.border{ border-color:rgb(32, 217, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 217, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 217, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 217, 238);  
box-shadow:4px 4px 4px 4px rgb(32, 217,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 164.0790, 36.4431, -115.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 217, 238) }
```

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

```
.background{ background-color: rgb(32, 217,  
238) }
```

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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