

Converting Colors

YUV(147.9240, 35.0405,
-85.8793)

Have a look what the booklet for
YUV(147.9240, 35.0405, -85.8793)
contains.

YUV(147.9240, 35.0405, -85.8793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.9240, 35.0405,
-85.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	32B8DB
RGB	50, 184, 219
RGB Percent	20%, 72%, 86%
CMY	0.8039, 0.2784, 0.1412
CMYK	0.77, 0.16, 0.00, 0.14
HSL	192°, 70%, 53%
HSV	192°, 77%, 86%
XYZ	31.2421, 40.0736, 73.1062
YIQ	147.9240, -91.0990, -17.5230

Conversions

Conversions Part 2

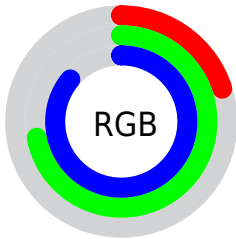
Format	Color
R _{YB}	50, 125, 219
Decimal	3324123
CIE Lab	69.52, -23.56, -27.68
CIE LCh	70, 36.349, 229.594
Yxy	40.0736, 0.2163, 0.2775
Android (android.graphics.Color)	4281514203 (0xFF32B8DB)
YUV	147.9240, 35.0405, -85.8793
Hunter-Lab	63.3037, -22.6869, -24.1584

Details

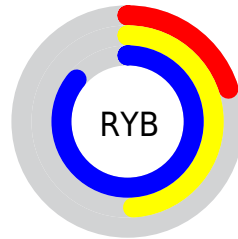
The YUV color **147.9240, 35.0405, -85.8793** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **121.0760, -35.0405, 85.8793**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4280, 23.9460, -74.0434**, and **95.5930, 33.7247, -83.8351** is the 20% darker color. If you saturate the color by 10%, you get **138.4110, 39.7304, -96.8304**, and if you desaturate by 10%, it is **157.4370, 30.3506, -74.9282**.

Distribution



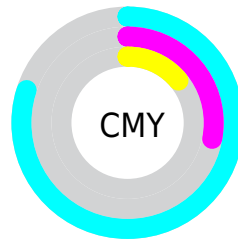
- Red (20%)
- Green (72%)
- Blue (86%)



- Red (20%)
- Yellow (49%)
- Blue (86%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.9240, 35.0405, -85.8793 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 147.9240, 35.0405, -85.8793 by changing the saturation by 10% instead.

■ 147.9240, 35.0405,
-85.8793

■ 147.9240, 35.0405,
-85.8793

■ 255.0000, 0.0000,
0.0000

■ 113.9330, 37.9940,
-99.9192

■ 206.4280, 23.9460,
-74.0434

■ 95.5930, 33.7247,
-83.8351

■ 224.5020, 15.0355,
-62.7073

■ 77.3670, 29.8921,
-67.8509

■ 233.7710, 10.4659,
-43.6492

■ 60.3150, 25.4807,
-52.8963

■ 243.0400, 5.8963,
-24.5911

■ 43.9640, 21.2167,
-38.5564

■ 252.3090, 1.3267,
-5.5330

■ 28.4280, 17.5370,
-24.9314

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 147.9240, 35.0405,
-85.8793

■ 147.9240, 35.0405,
-85.8793

■ 138.4110, 39.7304,
-96.8304

■ 157.4370, 30.3506,
-74.9282

■ 129.4850, 44.1309,
-108.2963

■ 166.3630, 25.9500,
-63.4624

■ 127.1040, 45.3047,
-111.4702

■ 175.8760, 21.2601,
-52.5113

■ 184.8020, 16.8596,
-41.0454

■ 194.3150, 12.1697,
-30.0943

■ 202.9420, 7.9166,
-19.2431

■ 212.4550, 3.2267,
-8.2920

■ 221.3810, -1.1738,
3.1739

■ 230.8940, -5.8637,
14.1250

Harmonies

Analogous

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



145.8950, 22.2368, -85.8539



147.9240, 35.0405, -85.8793



160.7850, 36.0950, -50.6774

Triad

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



147.9240, 35.0405, -85.8793



173.8500, 4.5110, 46.6126



165.7530, -28.9652, 3.7246

Complementary

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



147.9240, 35.0405, -85.8793



121.0760, -35.0405, 85.8793

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.



168.6360, -31.3725, 29.2602



147.9240, 35.0405, -85.8793



172.3660, -11.5194, 54.9300

Square

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



147.9240, 35.0405, -85.8793



174.4800, 18.9904, 22.3810



170.8800, -24.5908, 47.4632



160.6660, -17.0903, -25.1401

Rectangle

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



147.9240, 35.0405, -85.8793



167.7390, 32.6667, -24.3271



170.8800, -24.5908, 47.4632



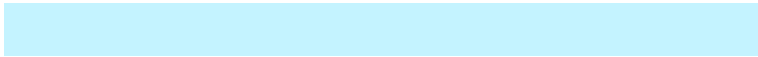
166.3520, -30.7395, 12.8463

Sweetspot

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



147.9240, 35.0405, -85.8793



230.3150, 12.1697, -30.0943



153.0790, -34.0559, -90.4003



112.5400, 7.6218, -18.0136



0.0000, 0.0000, 0.0000



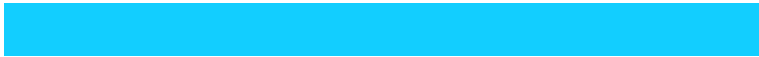
128.0000, 0.0000, 0.0000

Same Dimension

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



147.9240, 35.0405, -85.8793



155.3740, 49.1156, -120.4770



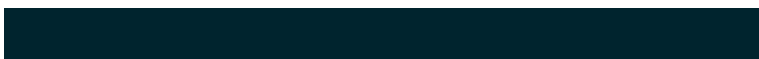
99.2030, 59.0599, -43.1510



104.9500, 2.4896, -5.2182



100.1410, 35.9195, -87.8237



26.3760, 9.6746, -23.1318

Inverse Universe

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



115.8070, 33.6191, 90.5003



110.2950, 47.1826, 126.9063



169.7970, -59.0599, 43.1510



103.2010, 1.8729, 5.9627



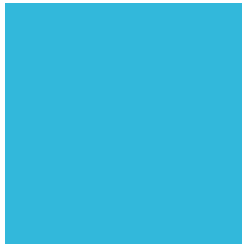
67.3450, 34.3399, 92.6594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 147.9240, 35.0405, -85.8793 looks on a white background.

Color Contrast Check

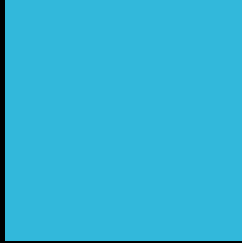
Large Text (above 18pt) WCAG AA × Fail

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 147.9240, 35.0405, -85.8793 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

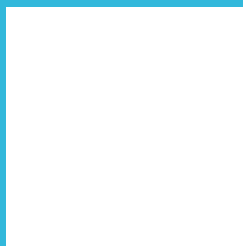
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.9240, 35.0405, -85.8793

Background



This preview shows how black text looks on a background with the YUV color 147.9240, 35.0405, -85.8793.

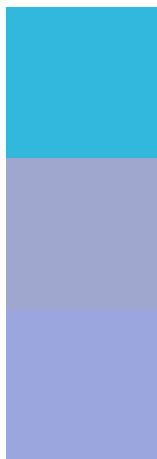


This preview shows how white text looks on a background with the YUV color 147.9240, 35.0405, -85.8793.

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

147.9240, 35.0405, -85.8793

Protanopia

169.1680, 18.6512, -8.9173

Deuteranopia

169.2090, 26.5190, -12.4613



Tritanopia

142.6640, 29.2526, -96.1753

Trichromacy



Original Color

147.9240, 35.0405, -85.8793

Protanomaly

161.1860, 24.5583, -36.9971

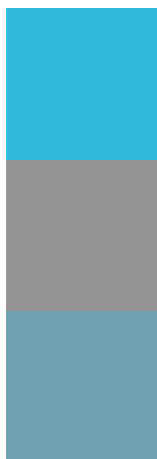
Deuteranomaly

161.8420, 29.6579, -39.3264

Tritanomaly

144.5550, 31.2784, -92.5717

Monochromacy



Original Color

147.9240, 35.0405, -85.8793

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8310, 12.9013, -31.4238

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.9240, 35.0405, -85.8793 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(50, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(50, 184, 219)  
}
```

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(50, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 184, 219) }
```

Border

The CSS property to change the border of an element to YUV 147.9240, 35.0405, -85.8793 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(50, 184, 219) }
```


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

```
.border{ border-color:rgb(50, 184, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(50, 184,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 147.9240, 35.0405, -85.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 184, 219) }
```

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

```
.background{ background-color: rgb(50, 184,  
219) }
```

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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