

Converting Colors

YUV(141.9260, 48.8435,
-79.7421)

Have a look what the booklet for
YUV(141.9260, 48.8435, -79.7421)
contains.

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Color

**YUV(141.9260, 48.8435,
-79.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	33A9F1
RGB	51, 169, 241
RGB Percent	20%, 66%, 95%
CMY	0.8000, 0.3373, 0.0549
CMYK	0.79, 0.30, 0.00, 0.05
HSL	203°, 87%, 57%
HSV	203°, 79%, 95%
XYZ	31.4304, 35.4306, 88.4013
YIQ	141.9260, -93.4400, -2.6240

Conversions

Conversions Part 2

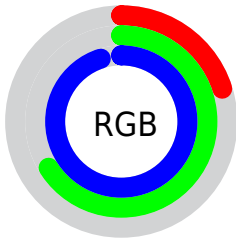
Format	Color
R _{YB}	51, 124, 241
Decimal	3385841
CIE Lab	66.08, -8.04, -45.06
CIE LCh	66, 45.770, 259.877
Yxy	35.4306, 0.2024, 0.2282
Android (android.graphics.Color)	4281575921 (0xFF33A9F1)
YUV	141.9260, 48.8435, -79.7421
Hunter-Lab	59.5236, -9.9126, -46.3878

Details

The YUV color **141.9260, 48.8435, -79.7421** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **150.0740, -48.8435, 79.7421**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9330, 28.1340, -63.9622**, and **89.7690, 46.9489, -78.7274** is the 20% darker color. If you saturate the color by 10%, you get **129.4670, 54.9858, -89.8636**, and if you desaturate by 10%, it is **154.3850, 42.7012, -69.6206**.

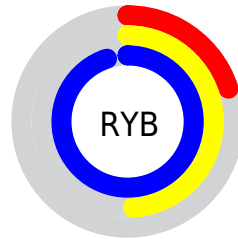
Distribution



Red (20%)

Green (66%)

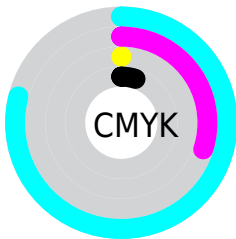
Blue (95%)



Red (20%)

Yellow (49%)

Blue (95%)

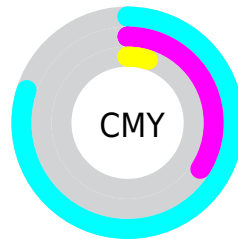


Cyan (79%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9260, 48.8435, -79.7421 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 141.9260, 48.8435, -79.7421 by changing the saturation by 10% instead.

■ 141.9260, 48.8435,
-79.7421

■ 141.9260, 48.8435,
-79.7421

255.0000, 0.0000,
0.0000

■ 108.1090, 51.2183,
-94.8116

■ 197.9330, 28.1340,
-63.9622

■ 89.7690, 46.9489,
-78.7274

■ 224.5240, 15.0247,
-59.2185

■ 72.4890, 41.6639,
-63.5729

■ 234.9670, 9.8763,
-41.1901

■ 56.0240, 36.9632,
-49.1330

■ 244.2360, 5.3067,
-22.1320

■ 40.1460, 31.9730,
-35.2080

■ 253.5050, 0.7370,
-3.0739

■ 25.6700, 27.2777,
-22.5126

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 141.9260, 48.8435,
-79.7421

■ 141.9260, 48.8435,
-79.7421

■ 129.4670, 54.9858,
-89.8636

■ 154.3850, 42.7012,
-69.6206

■ 117.0080, 61.1281,
-99.9850

■ 166.8440, 36.5589,
-59.4992

■ 115.5240, 61.8597,
-101.3145

■ 179.3030, 30.4166,
-49.3777

■ 192.3490, 23.9849,
-39.7711

■ 204.8080, 17.8427,
-29.6496

■ 217.5660, 11.5530,
-18.9134

■ 230.0250, 5.4107,
-8.7919

■ 242.4840, -0.7316,
1.3295

■ 251.0560, -4.9576,
3.4589

Harmonies

Analogous

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



129.7940, 45.4576, -113.8293



141.9260, 48.8435, -79.7421



160.5750, 38.1705, -16.2903

Triad

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



141.9260, 48.8435, -79.7421



161.9870, -13.3046, 67.5404



148.5850, -20.9944, -32.9620

Complementary

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



141.9260, 48.8435, -79.7421



150.0740, -48.8435, 79.7421

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.



154.5050, -36.2380, 3.0651



141.9260, 48.8435, -79.7421



160.4530, -30.2963, 57.4847

Square

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



141.9260, 48.8435, -79.7421



163.9700, 5.9308, 57.9083



157.9050, -39.3932, 35.1633



134.1390, 5.3545, -84.3139

Rectangle

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



141.9260, 48.8435, -79.7421



165.0690, 29.0530, 14.8485



157.9050, -39.3932, 35.1633



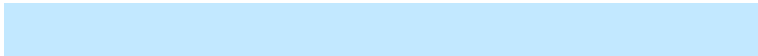
150.6530, -27.4369, -19.8667

Sweetspot

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



141.9260, 48.8435, -79.7421



223.2600, 15.6478, -25.6610



170.5100, -24.4084, -104.8103



108.1320, 9.7949, -15.0248



0.0000, 0.0000, 0.0000



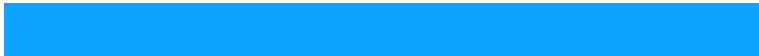
128.0000, 0.0000, 0.0000

Same Dimension

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



141.9260, 48.8435, -79.7421



128.6380, 62.2965, -101.4145



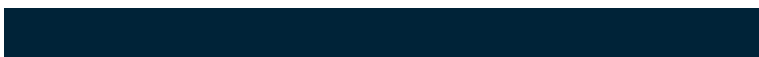
87.3350, 75.7568, -31.8658



113.4770, 3.2158, -4.8033



87.8940, 47.3803, -77.0830



26.9290, 14.3320, -23.6167

Inverse Universe

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



121.2620, 23.5348, 105.0102



102.4580, 29.8472, 133.7793



204.6650, -75.7568, 31.8658



112.3860, 1.2887, 6.6775



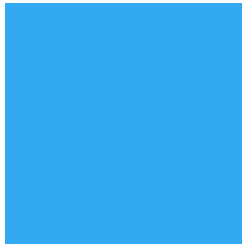
68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 141.9260, 48.8435, -79.7421 looks on a white background.

Color Contrast Check

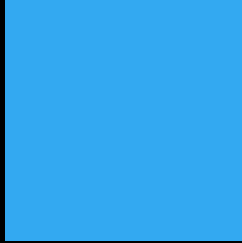
Large Text (above 18pt) WCAG AA × Fail

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 141.9260, 48.8435, -79.7421 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

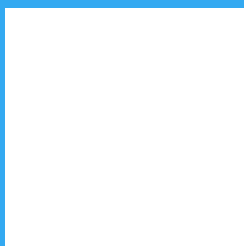
Any Text WCAG AAA ✓ Pass

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

YUV 141.9260, 48.8435, -79.7421 Background



This preview shows how black text looks on a background with the YUV color 141.9260, 48.8435, -79.7421.

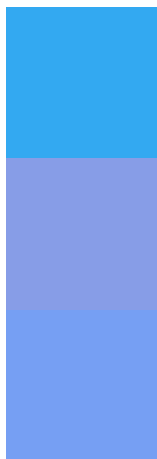


This preview shows how white text looks on a background with the YUV color 141.9260, 48.8435, -79.7421.

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

141.9260, 48.8435, -79.7421

Protanopia

158.8580, 35.5660, -20.9235

Deuteranopia

156.3170, 42.7347, -33.6040



Tritanopia

125.6730, 32.2062, -110.2152

Trichromacy



Original Color

141.9260, 48.8435, -79.7421

Protanomaly

152.3930, 40.7253, -42.4407

Deuteranomaly

151.3750, 44.6781, -50.3179

Tritanomaly

131.6450, 38.1360, -98.7897

Monochromacy



Original Color

141.9260, 48.8435, -79.7421

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9260, 48.8435, -79.7421 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(51, 169, 241)` looks like.

```
.text, #text, p{  
    color:rgb(51, 169, 241)  
}
```

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(51, 169, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 169, 241) }
```

Border

The CSS property to change the border of an element to YUV 141.9260, 48.8435, -79.7421 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(51, 169, 241) }
```


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

```
.border{ border-color:rgb(51, 169, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 169, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 169, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 169, 241);  
box-shadow:4px 4px 4px 4px rgb(51, 169,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 141.9260, 48.8435, -79.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 169, 241) }
```

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

```
.background{ background-color: rgb(51, 169,  
241) }
```

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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