

Converting Colors

YUV(137.1110, 48.2593,
-79.0273)

Have a look what the booklet for
YUV(137.1110, 48.2593, -79.0273)
contains.

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Color

**YUV(137.1110, 48.2593,
-79.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA4EB
RGB	47, 164, 235
RGB Percent	18%, 64%, 92%
CMY	0.8157, 0.3569, 0.0784
CMYK	0.80, 0.30, 0.00, 0.08
HSL	203°, 82%, 55%
HSV	203°, 80%, 92%
XYZ	29.4431, 33.1534, 83.4447
YIQ	137.1110, -92.5230, -2.7230

Conversions

Conversions Part 2

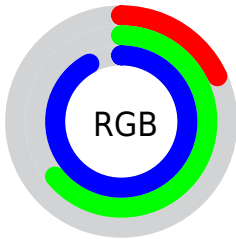
Format	Color
R _Y B	47, 119, 235
Decimal	3122411
CIE Lab	64.28, -7.74, -44.60
CIE LCh	64, 45.269, 260.152
Yxy	33.1534, 0.2016, 0.2270
Android (android.graphics.Color)	4281312491 (0xFF2FA4EB)
YUV	137.1110, 48.2593, -79.0273
Hunter-Lab	57.5790, -9.4869, -45.6190

Details

The YUV color **137.1110, 48.2593, -79.0273** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **144.8890, -48.2593, 79.0273**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1010, 30.0232, -63.2326**, and **86.7370, 45.4857, -76.0683** is the 20% darker color. If you saturate the color by 10%, you get **124.6520, 54.4016, -89.1488**, and if you desaturate by 10%, it is **149.5700, 42.1170, -68.9059**.

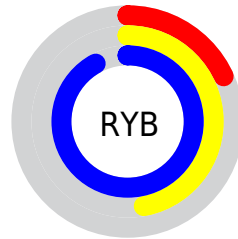
Distribution



Red (18%)

Green (64%)

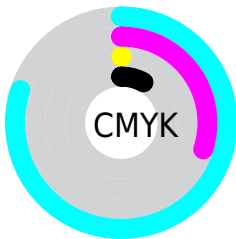
Blue (92%)



Red (18%)

Yellow (47%)

Blue (92%)

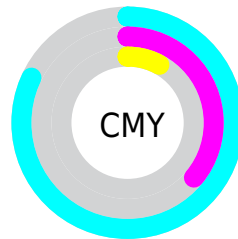


Cyan (80%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (82%)

Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1110, 48.2593, -79.0273 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 137.1110, 48.2593, -79.0273 by changing the saturation by 10% instead.

■ 137.1110, 48.2593,
-79.0273

■ 137.1110, 48.2593,
-79.0273

255.0000, 0.0000,
0.0000

■ 104.6040, 50.4812,
-91.7377

■ 194.1010, 30.0232,
-63.2326

■ 86.7370, 45.4857,
-76.0683

■ 219.8060, 17.3506,
-58.5889

■ 68.9840, 40.9269,
-60.4990

■ 234.0700, 10.3185,
-43.0344

■ 52.5190, 36.2261,
-46.0592

■ 243.3390, 5.7489,
-23.9763

■ 37.2280, 30.9466,
-32.6490

■ 252.6080, 1.1793,
-4.9182

■ 22.7520, 26.2513,
-19.9535

■ 8.8630, 21.2665,

-7.7729

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 137.1110, 48.2593,
-79.0273

■ 137.1110, 48.2593,
-79.0273

■ 124.6520, 54.4016,
-89.1488

■ 149.5700, 42.1170,
-68.9059

■ 112.4920, 60.3964,
-98.6555

■ 161.7300, 36.1221,
-59.3992

■ 174.1890, 29.9798,
-49.2778

■ 186.3490, 23.9849,
-39.7711

■ 197.9220, 18.2795,
-29.7496

■ 210.3810, 12.1372,
-19.6281

■ 222.5410, 6.1423,
-10.1215

■ 235.0000, 0.0000,
0.0000

■ 246.2630, -5.5527,
7.6623

Harmonies

Analogous

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



126.2890, 44.7205, -110.7555



137.1110, 48.2593, -79.0273



155.7600, 37.5863, -15.5755

Triad

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



137.1110, 48.2593, -79.0273



156.9760, -13.2992, 65.7960



143.6990, -20.5576, -33.0620

Complementary

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



137.1110, 48.2593, -79.0273



144.8890, -48.2593, 79.0273

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.



149.6190, -35.8012, 2.9651



137.1110, 48.2593, -79.0273



155.2680, -29.7121, 56.7700

Square

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



137.1110, 48.2593, -79.0273



159.2580, 5.7888, 56.7787



153.4210, -38.6616, 33.8338



128.6550, 6.0861, -85.6434

Rectangle

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



137.1110, 48.2593, -79.0273



159.9550, 28.6162, 14.9485



153.4210, -38.6616, 33.8338



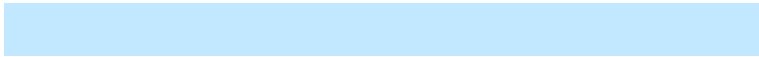
145.8810, -26.5633, -20.0666

Sweetspot

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



137.1110, 48.2593, -79.0273



223.2600, 15.6478, -25.6610



165.2220, -24.2664, -103.6807



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



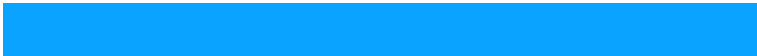
128.0000, 0.0000, 0.0000

Same Dimension

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



137.1110, 48.2593, -79.0273



127.7410, 62.7387, -103.2589



83.1070, 74.8832, -31.6658



111.3630, 2.7790, -4.7034



86.9650, 46.3593, -76.2683



25.5270, 14.0372, -22.3872

Inverse Universe

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



116.5500, 23.3929, 103.8807



100.6970, 30.7154, 135.3237



198.8930, -74.8832, 31.6658



110.0870, 1.4361, 6.0627



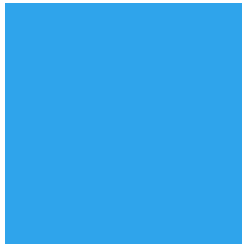
67.0010, 22.6775, 99.9771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 137.1110, 48.2593, -79.0273 looks on a white background.

Color Contrast Check

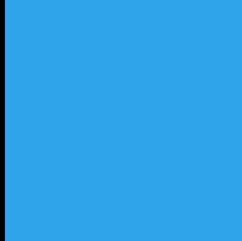
Large Text (above 18pt) WCAG AA × Fail

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 137.1110, 48.2593, -79.0273 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

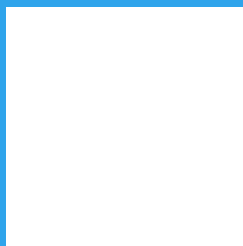
Any Text WCAG AAA ✓ Pass

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

YUV 137.1110, 48.2593, -79.0273 Background



This preview shows how black text looks on a background with the YUV color 137.1110, 48.2593, -79.0273.



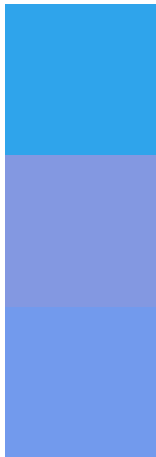
This preview shows how white text looks on a background with the YUV color 137.1110, 48.2593, -79.0273.

-79.0273.

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

137.1110, 48.2593, -79.0273

Protanopia

154.0430, 34.9818, -20.2087

Deuteranopia

151.5020, 42.1505, -32.8893



Tritanopia

122.0540, 31.0324, -107.0414

Trichromacy



Original Color

137.1110, 48.2593, -79.0273

Protanomaly

147.5780, 40.1410, -41.7259

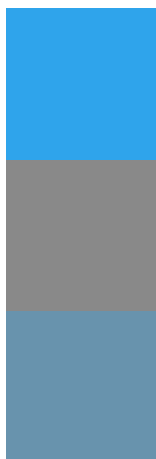
Deuteranomaly

146.5600, 44.0939, -49.6031

Tritanomaly

127.4280, 37.2570, -96.8454

Monochromacy



Original Color

137.1110, 48.2593, -79.0273

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1110, 48.2593, -79.0273 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(47, 164, 235)` looks like.

```
.text, #text, p{  
    color:rgb(47, 164, 235)  
}
```

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(47, 164, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 164, 235) }
```

Border

The CSS property to change the border of an element to YUV 137.1110, 48.2593, -79.0273 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(47, 164, 235) }
```


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

```
.border{ border-color:rgb(47, 164, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 164, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 164, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 164, 235);  
box-shadow:4px 4px 4px 4px rgb(47, 164,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 137.1110, 48.2593, -79.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 164, 235) }
```

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

```
.background{ background-color: rgb(47, 164,  
235) }
```

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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