

Converting Colors

YUV(140.8210, 51.3602,
-93.6820)

Have a look what the booklet for
YUV(140.8210, 51.3602, -93.6820)
contains.

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Color

**YUV(140.8210, 51.3602,
-93.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	22AFF5
RGB	34, 175, 245
RGB Percent	13%, 69%, 96%
CMY	0.8667, 0.3137, 0.0392
CMYK	0.86, 0.29, 0.00, 0.04
HSL	200°, 91%, 55%
HSV	200°, 86%, 96%
XYZ	32.4711, 37.5926, 91.9309
YIQ	140.8210, -106.5060, -8.1220

Conversions

Conversions Part 2

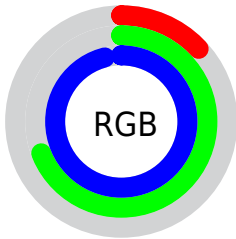
Format	Color
R _Y B	34, 119, 245
Decimal	2273269
CIE Lab	67.72, -11.32, -44.69
CIE LCh	68, 46.099, 255.779
Yxy	37.5926, 0.2004, 0.2321
Android (android.graphics.Color)	4280463349 (0xFF22AFF5)
YUV	140.8210, 51.3602, -93.6820
Hunter-Lab	61.3128, -12.7643, -45.9790

Details

The YUV color **140.8210, 51.3602, -93.6820** 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 **138.1790, -51.3602, 93.6820**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3620, 27.4295, -71.3545**, and **93.6330, 46.5229, -82.1161** is the 20% darker color. If you saturate the color by 10%, you get **128.9490, 57.2131, -104.3183**, and if you desaturate by 10%, it is **152.9920, 45.3599, -82.4310**.

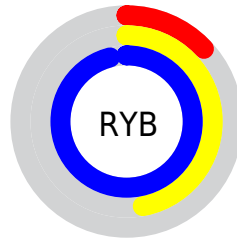
Distribution



Red (13%)

Green (69%)

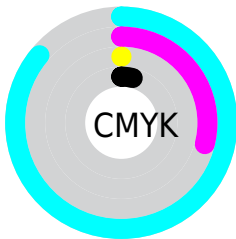
Blue (96%)



Red (13%)

Yellow (47%)

Blue (96%)

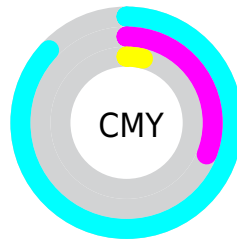


Cyan (86%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (87%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8210, 51.3602, -93.6820 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 140.8210, 51.3602, -93.6820 by changing the saturation by 10% instead.

■ 140.8210, 51.3602,
-93.6820

■ 140.8210, 51.3602,
-93.6820

■ 255.0000, 0.0000,
0.0000

■ 111.5000, 51.5185,
-97.7855

■ 199.3620, 27.4295,
-71.3545

■ 93.6330, 46.5229,
-82.1161

■ 223.9040, 15.3303,
-63.9368

■ 75.8800, 41.9642,
-66.5468

■ 233.4720, 10.6133,
-44.2639

■ 58.8280, 37.5528,
-51.5922

■ 242.7410, 6.0437,
-25.2059

■ 42.9500, 32.5627,
-37.6671

■ 252.3090, 1.3267,
-5.5330

■ 28.3600, 27.4305,
-24.8717

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 140.8210, 51.3602,
-93.6820

■ 140.8210, 51.3602,
-93.6820

■ 128.9490, 57.2131,
-104.3183

■ 152.9920, 45.3599,
-82.4310

■ 124.1980, 59.5554,
-108.9216

■ 164.8640, 39.5070,
-71.7947

■ 177.0350, 33.5067,
-60.5437

■ 189.4940, 27.3645,
-50.4222

■ 201.6650, 21.3642,
-39.1712

■ 213.5370, 15.5113,
-28.5349

■ 225.7080, 9.5110,
-17.2839

■ 237.5800, 3.6581,
-6.6477

■ 249.7510, -2.3422,
4.6034

Harmonies

Analogous

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



132.8430, 44.4474, -116.5033



140.8210, 51.3602, -93.6820



163.9870, 39.9394, -23.6676

Triad

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



140.8210, 51.3602, -93.6820



166.2690, -10.9786, 68.1701



153.5210, -23.9209, -27.6439

Complementary

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



140.8210, 51.3602, -93.6820



138.1790, -51.3602, 93.6820

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.



159.6690, -38.2908, 8.1833



140.8210, 51.3602, -93.6820



164.9310, -28.5600, 60.5735

Square

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



140.8210, 51.3602, -93.6820



168.7570, 8.9938, 55.4641



162.9270, -39.4040, 38.6520



141.9400, 0.5226, -74.4924

Rectangle

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



140.8210, 51.3602, -93.6820



168.7200, 31.6900, 9.0156



162.9270, -39.4040, 38.6520



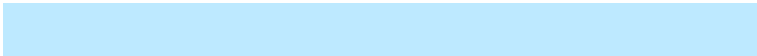
156.2900, -30.2160, -15.1633

Sweetspot

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



140.8210, 51.3602, -93.6820



222.3520, 16.0955, -29.2497



165.4950, -31.7960, -115.3211



107.8220, 9.9478, -17.3839



0.0000, 0.0000, 0.0000



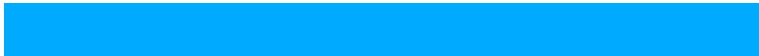
128.0000, 0.0000, 0.0000

Same Dimension

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



140.8210, 51.3602, -93.6820



128.8600, 62.1870, -113.0102



80.9470, 80.8781, -41.1725



116.0640, 2.9264, -5.3181



93.9920, 45.3599, -82.4310



29.6190, 14.4848, -25.9759

Inverse Universe

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



113.1630, 30.4856, 115.6210



95.6250, 36.6669, 139.7719



198.0530, -80.8781, 41.1725



114.5000, 1.7255, 6.5775



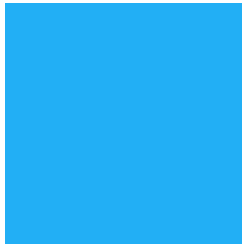
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 140.8210, 51.3602, -93.6820 looks on a white background.

Color Contrast Check

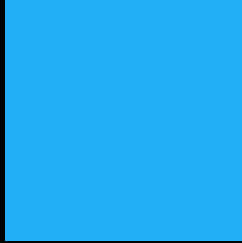
Large Text (above 18pt) WCAG AA × Fail

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 140.8210, 51.3602, -93.6820 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

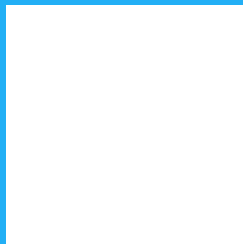
Any Text WCAG AAA ✓ Pass

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

YUV 140.8210, 51.3602, -93.6820 Background



This preview shows how black text looks on a background with the YUV color 140.8210, 51.3602, -93.6820.



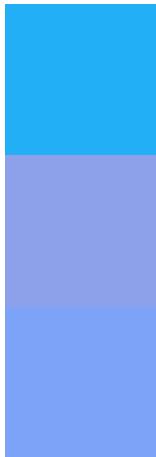
This preview shows how white text looks on a background with the YUV color 140.8210, 51.3602, -93.6820.

-93.6820.

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

140.8210, 51.3602, -93.6820

Protanopia

163.3420, 34.8344, -19.5939

Deuteranopia

161.0290, 42.8767, -32.4744



Tritanopia

129.1780, 32.9432, -113.2891

Trichromacy



Original Color

140.8210, 51.3602, -93.6820

Protanomaly

155.0720, 40.8835, -46.5441

Deuteranomaly

153.3960, 46.1468, -54.7213

Tritanomaly

133.0570, 39.9049, -106.1670

Monochromacy



Original Color

140.8210, 51.3602, -93.6820

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7150, 18.8745, -33.9531

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8210, 51.3602, -93.6820 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(34, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(34, 175, 245)  
}
```

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(34, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 175, 245) }
```

Border

The CSS property to change the border of an element to YUV 140.8210, 51.3602, -93.6820 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(34, 175, 245) }
```


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

```
.border{ border-color:rgb(34, 175, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 175, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 175, 245);  
box-shadow:4px 4px 4px 4px rgb(34, 175,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 140.8210, 51.3602, -93.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 175, 245) }
```

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

```
.background{ background-color: rgb(34, 175,  
245) }
```

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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