

Converting Colors

YUV(140.3520, 42.7175,
-74.8537)

Have a look what the booklet for
YUV(140.3520, 42.7175, -74.8537)
contains.

YUV(140.3520, 42.7175, -74.8537)	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(140.3520, 42.7175,
-74.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	37A7E3
RGB	55, 167, 227
RGB Percent	22%, 65%, 89%
CMY	0.7843, 0.3451, 0.1098
CMYK	0.76, 0.26, 0.00, 0.11
HSL	201°, 75%, 55%
HSV	201°, 76%, 89%
XYZ	29.2594, 33.9957, 77.6927
YIQ	140.3520, -86.0120, -5.0840

Conversions

Conversions Part 2

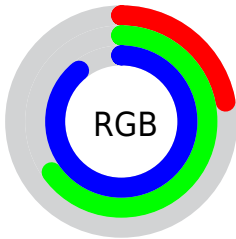
Format	Color
R _{YB}	55, 123, 227
Decimal	3647459
CIE _{Lab}	64.96, -11.35, -39.13
CIE _{LCh}	65, 40.748, 253.821
Y _{xy}	33.9957, 0.2076, 0.2412
Android (android.graphics.Color)	4281837539 (0xFF37A7E3)
YUV	140.3520, 42.7175, -74.8537
Hunter-Lab	58.3058, -12.4593, -38.1900

Details

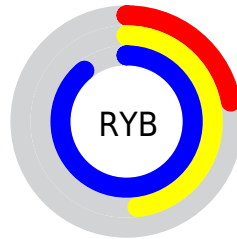
The YUV color **140.3520, 42.7175, -74.8537** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **141.6480, -42.7175, 74.8537**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7590, 28.7128, -62.9326**, and **86.9990, 41.4125, -76.2981** is the 20% darker color. If you saturate the color by 10%, you get **128.7790, 48.4230, -84.8752**, and if you desaturate by 10%, it is **151.9250, 37.0120, -64.8322**.

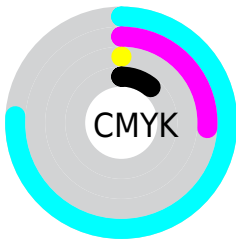
Distribution



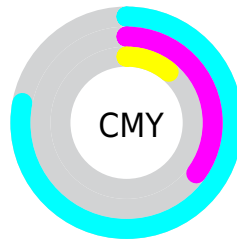
- Red (22%)
- Green (65%)
- Blue (89%)



- Red (22%)
- Yellow (48%)
- Blue (89%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3520, 42.7175, -74.8537 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 140.3520, 42.7175, -74.8537 by changing the saturation by 10% instead.

■ 140.3520, 42.7175,
-74.8537

■ 140.3520, 42.7175,
-74.8537

255.0000, 0.0000,
0.0000

■ 105.4530, 46.1187,
-92.4823

■ 196.7590, 28.7128,
-62.9326

■ 86.9990, 41.4125,
-76.2981

■ 223.0510, 15.7509,
-58.8037

■ 69.9470, 37.0011,
-61.3435

■ 234.6680, 10.0237,
-41.8048

■ 52.8950, 32.5898,
-46.3889

■ 243.6380, 5.6015,
-23.3615

■ 37.1310, 28.0364,
-32.5639

■ 252.9070, 1.0318,
-4.3034

■ 23.1280, 22.6149,
-20.2833

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 140.3520, 42.7175,
-74.8537

■ 140.3520, 42.7175,
-74.8537

■ 128.7790, 48.4230,
-84.8752

■ 151.9250, 37.0120,
-64.8322

■ 117.5050, 53.9810,
-94.2819

■ 163.1990, 31.4539,
-55.4255

■ 112.7540, 56.3233,
-98.8853

■ 174.7720, 25.7484,
-45.4040

■ 186.3450, 20.0429,
-35.3826

■ 197.9180, 14.3374,
-25.3611

■ 209.1920, 8.7793,
-15.9544

■ 220.1780, 3.3632,
-5.4181

■ 231.7510, -2.3422,
4.6034

■ 241.8290, -7.3107,
11.5510

Harmonies

Analogous

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



125.7360, 40.0632, -110.2705



140.3520, 42.7175, -74.8537



156.4340, 35.2820, -23.1826

Triad

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



140.3520, 42.7175, -74.8537



160.0830, -8.9149, 59.5632



148.4230, -21.9005, -22.2960

Complementary

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



140.3520, 42.7175, -74.8537



141.6480, -42.7175, 74.8537

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.



153.2330, -33.6389, 9.4427



140.3520, 42.7175, -74.8537



158.0380, -24.1757, 54.3407

Square

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



140.3520, 42.7175, -74.8537



161.8870, 8.4367, 47.4571



156.2840, -34.1570, 35.7079



140.0560, -1.9996, -58.8081

Rectangle

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



140.3520, 42.7175, -74.8537



160.4870, 28.3539, 5.7119



156.2840, -34.1570, 35.7079



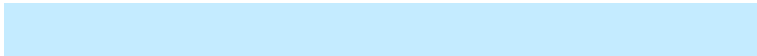
150.1210, -27.1747, -10.6301

Sweetspot

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



140.3520, 42.7175, -74.8537



225.6190, 14.4848, -25.9759



162.4620, -24.8778, -94.2442



109.6050, 9.0687, -15.4396



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.



140.3520, 42.7175, -74.8537



138.0850, 57.6391, -100.9295



91.6310, 66.7369, -32.1254



109.0640, 2.9264, -5.3181



88.4980, 44.6175, -77.6127



25.1850, 12.7268, -22.0872

Inverse Universe

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



119.1960, 23.5674, 94.5441



109.5820, 31.7581, 127.5316



190.3690, -66.7369, 32.1254



107.5000, 1.7255, 6.5775



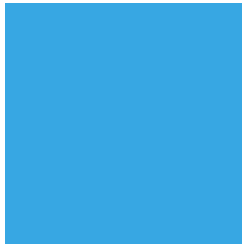
66.7450, 24.2827, 98.4476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 140.3520, 42.7175, -74.8537 looks on a white background.

Color Contrast Check

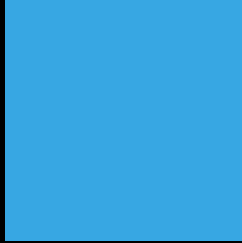
Large Text (above 18pt) WCAG AA × Fail

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 140.3520, 42.7175, -74.8537 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

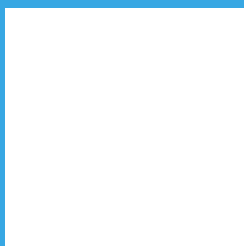
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.3520, 42.7175, -74.8537

Background



This preview shows how black text looks on a background with the YUV color 140.3520, 42.7175, -74.8537.



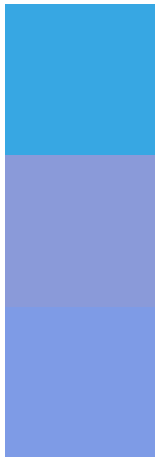
This preview shows how white text looks on a background with the YUV color 140.3520, 42.7175, -74.8537.

-74.8537.

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

140.3520, 42.7175, -74.8537

Protanopia

156.3980, 29.8768, -16.1350

Deuteranopia

154.8790, 37.0347, -25.3269



Tritanopia

123.5700, 31.7640, -108.3709

Trichromacy



Original Color

140.3520, 42.7175, -74.8537

Protanomaly

150.8190, 34.5992, -37.5523

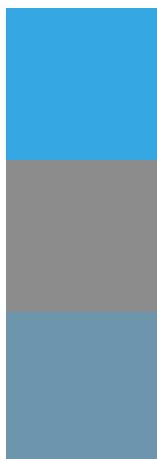
Deuteranomaly

149.3390, 39.2729, -43.2703

Tritanomaly

129.3850, 35.7992, -95.9306

Monochromacy



Original Color

140.3520, 42.7175, -74.8537

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2490, 15.6532, -27.4054

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3520, 42.7175, -74.8537 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(55, 167, 227)` looks like.

```
.text, #text, p{  
    color:rgb(55, 167, 227)  
}
```

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(55, 167, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 167, 227) }
```

Border

The CSS property to change the border of an element to YUV 140.3520, 42.7175, -74.8537 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(55, 167, 227) }
```


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

```
.border{ border-color:rgb(55, 167, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 167, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 167, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 167, 227);  
box-shadow:4px 4px 4px 4px rgb(55, 167,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 140.3520, 42.7175, -74.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 167, 227) }
```

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

```
.background{ background-color: rgb(55, 167,  
227) }
```

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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