

Converting Colors

YUV(144.0030, 32.0435,
-57.8846)

Have a look what the booklet for
YUV(144.0030, 32.0435, -57.8846)
contains.

YUV(144.0030, 32.0435, -57.8846)	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(144.0030, 32.0435,
-57.8846)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA5D1
RGB	78, 165, 209
RGB Percent	31%, 65%, 82%
CMY	0.6941, 0.3529, 0.1804
CMYK	0.63, 0.21, 0.00, 0.18
HSL	200°, 59%, 56%
HSV	200°, 63%, 82%
XYZ	28.1056, 33.1334, 65.2357
YIQ	144.0030, -65.9760, -4.7600

Conversions

Conversions Part 2

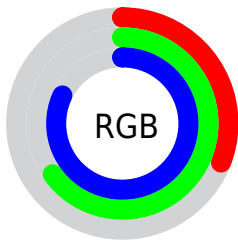
Format	Color
RYB	78, 130, 209
Decimal	5154257
CIELab	64.27, -12.88, -30.21
CIElCh	64, 32.840, 246.917
Yxy	33.1334, 0.2222, 0.2620
Android (android.graphics.Color)	4283344337 (0xFF4EA5D1)
YUV	144.0030, 32.0435, -57.8846
Hunter-Lab	57.5616, -13.5766, -26.9013

Details

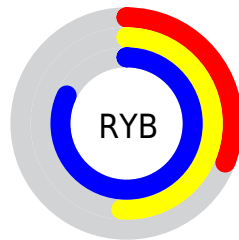
The YUV color **144.0030, 32.0435, -57.8846** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **142.9970, -32.0435, 57.8846**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4720, 27.3753, -53.9109**, and **83.8870, 34.5657, -73.5689** is the 20% darker color. If you saturate the color by 10%, you get **133.6150, 37.1648, -67.1914**, and if you desaturate by 10%, it is **154.3910, 26.9222, -48.5779**.

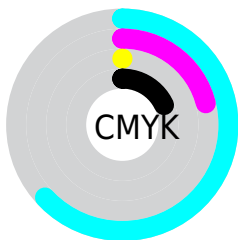
Distribution



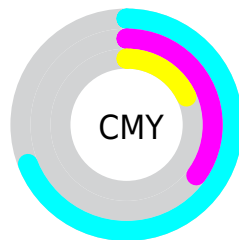
- Red (31%)
- Green (65%)
- Blue (82%)



- Red (31%)
- Yellow (51%)
- Blue (82%)



- Cyan (63%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.0030, 32.0435, -57.8846 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 144.0030, 32.0435, -57.8846 by changing the saturation by 10% instead.

■ 144.0030, 32.0435,
-57.8846

■ 144.0030, 32.0435,
-57.8846

■ 255.0000, 0.0000,
0.0000

■ 115.0840, 32.4966,
-63.2177

■ 199.4720, 27.3753,
-53.9109

■ 83.8870, 34.5657,
-73.5689

■ 225.4650, 14.5608,
-50.3968

■ 66.8350, 30.1543,
-58.6143

■ 237.6580, 8.5496,
-35.6571

■ 49.8970, 26.1798,
-43.7597

■ 246.6280, 4.1274,
-17.2138

■ 34.2470, 22.0632,
-30.0346

■ 20.4720, 17.5153,
-17.9539

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 144.0030, 32.0435,
-57.8846

■ 144.0030, 32.0435,
-57.8846

■ 133.6150, 37.1648,
-67.1914

■ 154.3910, 26.9222,
-48.5779

■ 123.2270, 42.2861,
-76.4981

■ 164.7790, 21.8010,
-39.2712

■ 112.8390, 47.4074,
-85.8048

■ 175.1670, 16.6797,
-29.9645

■ 105.4190, 51.0654,
-92.4525

■ 185.5550, 11.5584,
-20.6577

■ 195.9430, 6.4371,
-11.3510

■ 206.0320, 1.4632,
-2.6591

■ 216.4200, -3.6581,
6.6477

■ 226.8080, -8.7793,
15.9544

■ 233.9070,
-12.2792, 18.4986

Harmonies

Analogous

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



135.2040, 27.0144, -78.2319



144.0030, 32.0435, -57.8846



153.6420, 29.7565, -24.2420

Triad

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



144.0030, 32.0435, -57.8846



158.8580, -4.3670, 47.4825



149.5430, -20.4807, -11.0002

Complementary

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



144.0030, 32.0435, -57.8846



142.9970, -32.0435, 57.8846

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.



153.1610, -27.6874, 13.8908



144.0030, 32.0435, -57.8846



157.4160, -17.4601, 46.9932

Square

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



144.0030, 32.0435, -57.8846



160.0270, 9.3537, 33.3023



155.6350, -26.4421, 34.5231



145.3360, -6.5746, -38.0057

Rectangle

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



144.0030, 32.0435, -57.8846



157.5200, 24.8866, -2.2100



155.6350, -26.4421, 34.5231



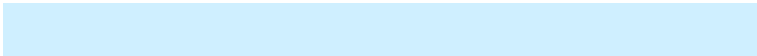
151.0880, -23.7074, -2.7082

Sweetspot

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



144.0030, 32.0435, -57.8846



231.2560, 11.7058, -21.2725



159.9130, -18.6911, -71.8377



113.1600, 7.3161, -13.2953



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.



144.0030, 32.0435, -57.8846



160.3230, 46.6758, -84.4753



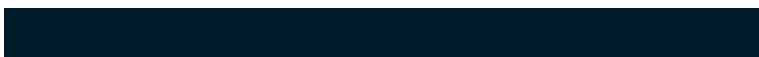
105.8480, 50.8539, -24.4227



99.3630, 2.7790, -4.7034



84.8960, 40.9703, -74.4538



20.5230, 10.0952, -17.9987

Inverse Universe

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



127.0870, 18.6911, 71.8377



135.5870, 27.3186, 104.7252



181.1520, -50.8539, 24.4227



98.0870, 1.4361, 6.0627



63.0000, 24.1570, 92.0850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 144.0030, 32.0435, -57.8846 looks on a white background.

Color Contrast Check

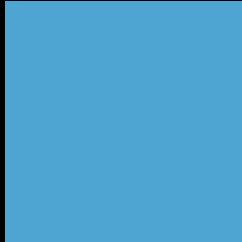
Large Text (above 18pt) WCAG AA × Fail

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 144.0030, 32.0435, -57.8846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

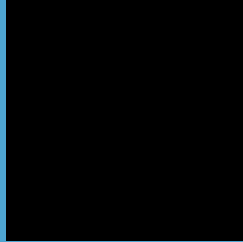
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 144.0030, 32.0435, -57.8846

Background



This preview shows how black text looks on a background with the YUV color 144.0030, 32.0435, -57.8846.

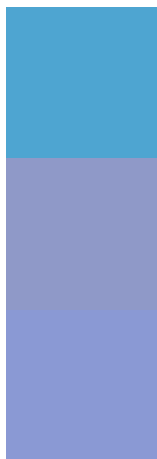


This preview shows how white text looks on a background with the YUV color 144.0030, 32.0435, -57.8846.

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

144.0030, 32.0435, -57.8846

Protanopia

155.3680, 22.0036, -10.8467

Deuteranopia

155.2410, 27.9822, -15.1204



Tritanopia

140.0870, 21.1561, -65.8513

Trichromacy



Original Color

144.0030, 32.0435, -57.8846

Protanomaly

150.8820, 25.6942, -27.9605

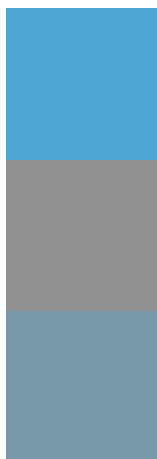
Deuteranomaly

150.8970, 29.6308, -30.6047

Tritanomaly

141.4340, 24.9290, -62.6476

Monochromacy



Original Color

144.0030, 32.0435, -57.8846

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.2560, 11.7058, -21.2725

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0030, 32.0435, -57.8846 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(78, 165, 209)` looks like.

```
.text, #text, p{  
    color:rgb(78, 165, 209)  
}
```

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(78, 165, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 165, 209) }
```

Border

The CSS property to change the border of an element to YUV 144.0030, 32.0435, -57.8846 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(78, 165, 209) }
```


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

```
.border{ border-color:rgb(78, 165, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 165, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 165, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 165, 209);  
box-shadow:4px 4px 4px 4px rgb(78, 165,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 144.0030, 32.0435, -57.8846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 165, 209) }
```

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

```
.background{ background-color: rgb(78, 165,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor