

Converting Colors

YUV(145.6780, 28.2597,
-57.5996)

Have a look what the booklet for
YUV(145.6780, 28.2597, -57.5996)
contains.

YUV(145.6780, 28.2597, -57.5996)	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(145.6780, 28.2597,
-57.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	50A8CB
RGB	80, 168, 203
RGB Percent	31%, 66%, 80%
CMY	0.6863, 0.3412, 0.2039
CMYK	0.61, 0.17, 0.00, 0.20
HSL	197°, 54%, 55%
HSV	197°, 61%, 80%
XYZ	28.0904, 34.0225, 61.5864
YIQ	145.6780, -63.6830, -7.7710

Conversions

Conversions Part 2

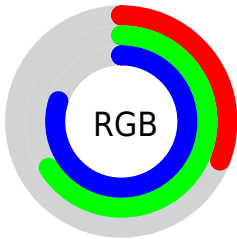
Format	Color
RYB	80, 131, 203
Decimal	5286091
CIELab	64.98, -16.00, -25.78
CIELCh	65, 30.343, 238.169
Yxy	34.0225, 0.2271, 0.2750
Android (android.graphics.Color)	4283476171 (0xFF50A8CB)
YUV	145.6780, 28.2597, -57.5996
Hunter-Lab	58.3288, -16.1123, -21.7711

Details

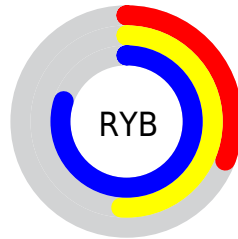
The YUV color **145.6780, 28.2597, -57.5996** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **137.3220, -28.2597, 57.5996**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5320, 26.3597, -54.8406**, and **85.0780, 31.5135, -74.6134** is the 20% darker color. If you saturate the color by 10%, you get **136.1760, 32.9442, -66.8064**, and if you desaturate by 10%, it is **155.1800, 23.5753, -48.3929**.

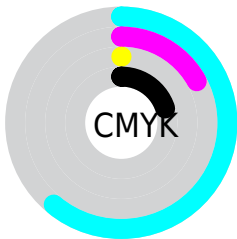
Distribution



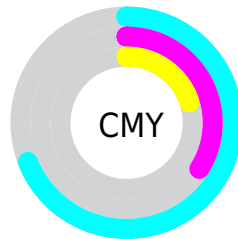
- Red (31%)
- Green (66%)
- Blue (80%)



- Red (31%)
- Yellow (51%)
- Blue (80%)



- Cyan (61%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6780, 28.2597, -57.5996 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 145.6780, 28.2597, -57.5996 by changing the saturation by 10% instead.

■ 145.6780, 28.2597,
-57.5996

■ 145.6780, 28.2597,
-57.5996

■ 255.0000, 0.0000,
0.0000

■ 117.1720, 29.0022,
-62.4178

■ 201.5320, 26.3597,
-54.8406

■ 85.0780, 31.5135,
-74.6134

■ 227.5250, 13.5452,
-51.3264

■ 67.4390, 27.3916,
-59.1440

■ 237.9570, 8.4022,
-35.0423

■ 51.0880, 23.1276,
-44.8042

■ 246.9270, 3.9800,
-16.5990

■ 34.8510, 19.3005,
-30.5643

■ 21.0760, 14.7525,
-18.4837

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 145.6780, 28.2597,
-57.5996

■ 145.6780, 28.2597,
-57.5996

■ 136.1760, 32.9442,
-66.8064

■ 155.1800, 23.5753,
-48.3929

■ 126.3750, 37.7761,
-76.6279

■ 164.9810, 18.7434,
-38.5713

■ 117.4600, 42.1712,
-86.3494

■ 173.8960, 14.3483,
-28.8498

■ 108.2570, 46.7083,
-94.9414

■ 183.3980, 9.6638,
-19.6430

■ 193.1990, 4.8319,
-9.8215

■ 202.7010, 0.1474,
-0.6148

■ 211.6160, -4.2477,
9.1068

■ 221.1180, -8.9322,
18.3135

■ 228.5270,
-12.5848, 23.2168

Harmonies

Analogous

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



141.4460, 19.9931, -66.1661



145.6780, 28.2597, -57.5996



154.1420, 28.0310, -30.8195

Triad

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



145.6780, 28.2597, -57.5996



160.8510, -0.4195, 41.3497



153.5440, -21.9602, -3.1081

Complementary

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



145.6780, 28.2597, -57.5996



137.3220, -28.2597, 57.5996

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.



155.9490, -26.1039, 19.3387



145.6780, 28.2597, -57.5996



159.8440, -13.2341, 44.8638

Square

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



145.6780, 28.2597, -57.5996



161.7810, 12.4330, 25.6251



158.2700, -22.8111, 36.5972



149.6640, -10.6804, -27.7693

Rectangle

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



145.6780, 28.2597, -57.5996



158.4650, 24.9138, -10.9318



158.2700, -22.8111, 36.5972



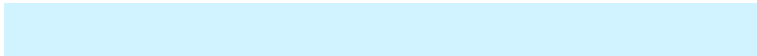
154.4310, -23.8765, 4.8840

Sweetspot

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



145.6780, 28.2597, -57.5996



233.6150, 10.5428, -21.5874



156.1910, -20.3072, -66.8195



114.6330, 6.5899, -13.7101



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.



145.6780, 28.2597, -57.5996



168.2750, 42.7554, -87.0642



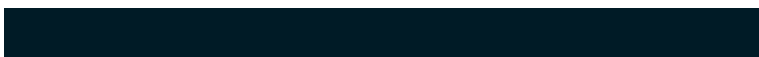
109.8710, 45.9126, -26.1969



97.2490, 2.3422, -4.6034



88.7770, 38.0709, -77.8574



20.1810, 8.7848, -17.6987

Inverse Universe

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



126.8090, 20.3072, 66.8195



139.7760, 30.6764, 101.0514



173.1290, -45.9126, 26.1969



95.7880, 1.5835, 5.4479



63.2000, 27.5094, 90.1556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 145.6780, 28.2597, -57.5996 looks on a white background.

Color Contrast Check

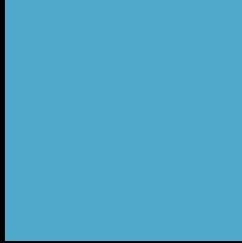
Large Text (above 18pt) WCAG AA × Fail

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 145.6780, 28.2597, -57.5996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

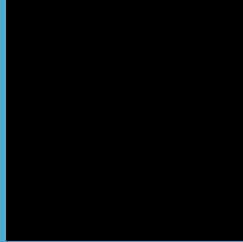
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.6780, 28.2597, -57.5996

Background



This preview shows how black text looks on a background with the YUV color 145.6780, 28.2597, -57.5996.

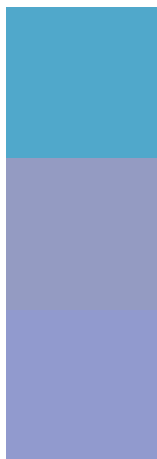


This preview shows how white text looks on a background with the YUV color 145.6780, 28.2597, -57.5996.

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

145.6780, 28.2597, -57.5996

Protanopia

157.3530, 18.0670, -8.2026

Deuteranopia

157.2370, 24.0402, -10.7318



Tritanopia

142.9950, 20.7085, -62.2626

Trichromacy



Original Color

145.6780, 28.2597, -57.5996

Protanomaly

153.1550, 21.6156, -26.4459

Deuteranomaly

152.8820, 25.6942, -27.9605

Tritanomaly

144.1030, 23.6132, -60.6033

Monochromacy



Original Color

145.6780, 28.2597, -57.5996

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6780, 28.2597, -57.5996 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(80, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(80, 168, 203)  
}
```

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(80, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 168, 203) }
```

Border

The CSS property to change the border of an element to YUV 145.6780, 28.2597, -57.5996 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(80, 168, 203) }
```


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

```
.border{ border-color:rgb(80, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(80, 168,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 145.6780, 28.2597, -57.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 168, 203) }
```

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

```
.background{ background-color: rgb(80, 168,  
203) }
```

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