

Converting Colors

YUV(127.8400, 36.0679,
-41.9557)

Have a look what the booklet for
YUV(127.8400, 36.0679, -41.9557)
contains.

YUV(127.8400, 36.0679, -41.9557)	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(127.8400, 36.0679,
-41.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	508AC9
RGB	80, 138, 201
RGB Percent	31%, 54%, 79%
CMY	0.6863, 0.4588, 0.2118
CMYK	0.60, 0.31, 0.00, 0.21
HSL	211°, 53%, 55%
HSV	211°, 60%, 79%
XYZ	22.9394, 24.0995, 58.7010
YIQ	127.8400, -54.7910, 7.2970

Conversions

Conversions Part 2

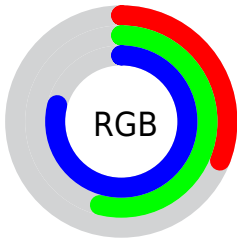
Format	Color
R _Y B	80, 119, 201
Decimal	5278409
CIE Lab	56.19, 0.15, -38.32
CIE LCh	56, 38.316, 270.227
Yxy	24.0995, 0.2169, 0.2279
Android (android.graphics.Color)	4283468489 (0xFF508AC9)
YUV	127.8400, 36.0679, -41.9557
Hunter-Lab	49.0912, -2.5001, -36.5323

Details

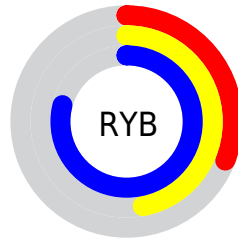
The YUV color **127.8400, 36.0679, -41.9557** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **153.1600, -36.0679, 41.9557**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4490, 35.7676, -38.9818**, and **68.4140, 38.7429, -59.9991** is the 20% darker color. If you saturate the color by 10%, you get **115.9900, 41.9099, -49.1032**, and if you desaturate by 10%, it is **139.6900, 30.2258, -34.8081**.

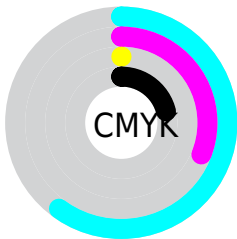
Distribution



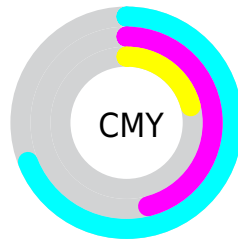
- Red (31%)
- Green (54%)
- Blue (79%)



- Red (31%)
- Yellow (47%)
- Blue (79%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8400, 36.0679, -41.9557 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 127.8400, 36.0679, -41.9557 by changing the saturation by 10% instead.

■ 127.8400, 36.0679,
-41.9557

■ 127.8400, 36.0679,
-41.9557

■ 255.0000, 0.0000,
0.0000

■ 100.4050, 35.7893,
-45.9592

■ 182.4490, 35.7676,
-38.9818

■ 68.4140, 38.7429,
-59.9991

■ 207.5560, 23.3899,
-35.5676

■ 51.9490, 34.0421,
-45.5593

■ 232.6630, 11.0121,
-32.1535

■ 36.6580, 28.7626,
-32.1491

■ 246.3290, 4.2748,
-17.8285

■ 22.1820, 24.0673,
-19.4536

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 127.8400, 36.0679,
-41.9557

■ 127.8400, 36.0679,
-41.9557

■ 115.9900, 41.9099,
-49.1032

■ 139.6900, 30.2258,
-34.8081

■ 103.5530, 48.0414,
-55.7360

■ 152.1270, 24.0944,
-28.1754

■ 91.7030, 53.8834,
-62.8835

■ 163.9770, 18.2523,
-21.0278

■ 79.2660, 60.0149,
-69.5163

■ 176.4140, 12.1209,
-14.3951

■ 188.5630, 6.1314,
-6.6328

■ 201.0000, 0.0000,
0.0000

■ 212.8500, -5.8420,
7.1476

■ 225.2870,
-11.9735, 13.7803

■ 235.3430,
-16.9311, 17.2392

Harmonies

Analogous

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



108.1770, 41.3247, -94.8712



127.8400, 36.0679, -41.9557



137.1120, 27.0598, 0.7788

Triad

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



127.8400, 36.0679, -41.9557



135.8020, -16.1714, 53.6706



122.4840, -11.0846, -38.1355

Complementary

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



127.8400, 36.0679, -41.9557



153.1600, -36.0679, 41.9557

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.



128.6700, -26.4593, -6.7266



127.8400, 36.0679, -41.9557



134.3370, -27.7741, 41.8005

Square

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



127.8400, 36.0679, -41.9557



136.9170, -0.4521, 51.8158



132.0540, -32.0716, 20.1236



104.5000, 14.5435, -91.6465

Rectangle

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



127.8400, 36.0679, -41.9557



139.1920, 19.1323, 23.5106



132.0540, -32.0716, 20.1236



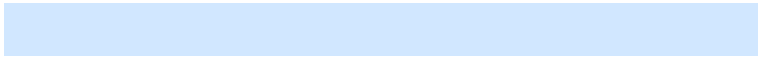
124.7690, -16.6481, -26.9844

Sweetspot

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



127.8400, 36.0679, -41.9557



227.1580, 13.7261, -15.9246



158.2090, -7.4980, -68.5893



110.5240, 8.6157, -10.1065



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.



127.8400, 36.0679, -41.9557



143.6320, 54.9044, -63.6983



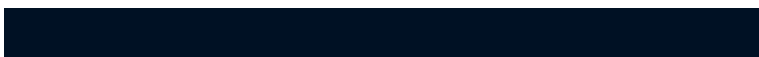
94.3920, 52.5577, -10.8678



93.3740, 2.7736, -2.9590



64.3680, 48.6256, -56.4507



14.0830, 10.8051, -12.3508

Inverse Universe

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



122.7910, 7.4980, 68.5893



136.0480, 11.3153, 104.3209



186.6080, -52.5577, 10.8678



93.1470, 0.4205, 5.1331



57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 127.8400, 36.0679, -41.9557 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8400, 36.0679, -41.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

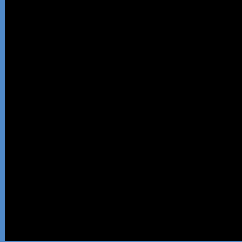
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8400, 36.0679, -41.9557

Background



This preview shows how black text looks on a background with the YUV color 127.8400, 36.0679, -41.9557.

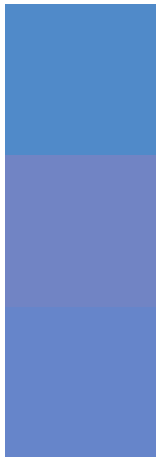


This preview shows how white text looks on a background with the YUV color 127.8400, 36.0679, -41.9557.

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

127.8400, 36.0679, -41.9557

Protanopia

133.6150, 30.7558, -18.0794

Deuteranopia

131.5970, 34.7087, -25.9566



Tritanopia

121.9530, 17.7712, -53.4558

Trichromacy



Original Color

127.8400, 36.0679, -41.9557

Protanomaly

131.4290, 32.8195, -26.6862

Deuteranomaly

130.3790, 35.3092, -31.9044

Tritanomaly

124.1090, 24.5963, -49.2076

Monochromacy



Original Color

127.8400, 36.0679, -41.9557

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3430, 13.1419, -15.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8400, 36.0679, -41.9557 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, 138, 201)` looks like.

```
.text, #text, p{  
    color:rgb(80, 138, 201)  
}
```

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, 138, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 138, 201) }
```

Border

The CSS property to change the border of an element to YUV 127.8400, 36.0679, -41.9557 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, 138, 201) }
```


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

```
.border{ border-color:rgb(80, 138, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 138, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 138, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 138, 201);  
box-shadow:4px 4px 4px 4px rgb(80, 138,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 127.8400, 36.0679, -41.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 138, 201) }
```

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

```
.background{ background-color: rgb(80, 138,  
201) }
```

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