

Converting Colors

YUV(168.3920, 28.8937,
-27.5308)

Have a look what the booklet for
YUV(168.3920, 28.8937, -27.5308)
contains.

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Color

**YUV(168.3920, 28.8937,
-27.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	89ADE3
RGB	137, 173, 227
RGB Percent	54%, 68%, 89%
CMY	0.4627, 0.3216, 0.1098
CMYK	0.40, 0.24, 0.00, 0.11
HSL	216°, 62%, 71%
HSV	216°, 40%, 89%
XYZ	39.1252, 40.7516, 78.4768
YIQ	168.3920, -38.7900, 9.1620

Conversions

Conversions Part 2

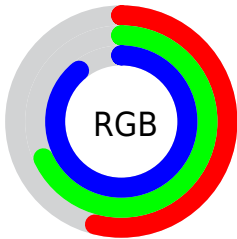
Format	Color
R _Y B	137, 163, 227
Decimal	9022947
CIE Lab	70.00, 1.25, -31.04
CIE LCh	70, 31.064, 272.300
Yxy	40.7516, 0.2471, 0.2573
Android (android.graphics.Color)	4287213027 (0xFF89ADE3)
YUV	168.3920, 28.8937, -27.5308
Hunter-Lab	63.8369, -2.3132, -28.2012

Details

The YUV color **168.3920, 28.8937, -27.5308** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **195.6080, -28.8937, 27.5308**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6130, 16.9528, -24.2166**, and **115.3380, 27.4414, -28.3604** is the 20% darker color. If you saturate the color by 10%, you get **153.2970, 36.3356, -34.4635**, and if you desaturate by 10%, it is **183.4870, 21.4519, -20.5981**.

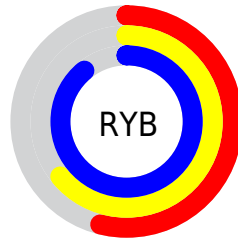
Distribution



Red (54%)

Green (68%)

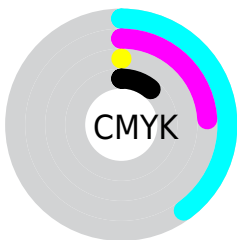
Blue (89%)



Red (54%)

Yellow (64%)

Blue (89%)

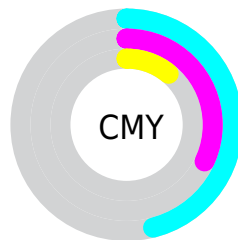


Cyan (40%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3920, 28.8937, -27.5308 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 168.3920, 28.8937, -27.5308 by changing the saturation by 10% instead.

■ 168.3920, 28.8937,
-27.5308

■ 168.3920, 28.8937,
-27.5308

■ 255.0000, 0.0000,
0.0000

■ 141.8650, 28.1676,
-27.9456

■ 220.6130, 16.9528,
-24.2166

■ 115.3380, 27.4414,
-28.3604

■ 245.1330, 4.8644,
-20.2876

■ 89.3270, 27.4468,
-30.1048

■ 253.8040, 0.5896,
-2.4591

■ 63.2940, 27.4631,
-35.3378

■ 40.0660, 26.5895,
-35.1379

■ 25.5900, 21.8941,
-22.4424

■ 7.2330, 20.0981,

-6.3433

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 168.3920, 28.8937,
-27.5308

■ 168.3920, 28.8937,
-27.5308

■ 153.2970, 36.3356,
-34.4635

■ 183.4870, 21.4519,
-20.5981

■ 139.0880, 43.3406,
-41.2962

■ 197.6960, 14.4469,
-13.7654

■ 123.9930, 50.7825,
-48.2289

■ 212.7910, 7.0050,
-6.8327

■ 109.4850, 57.9349,
-55.6763

■ 227.2990, -0.1474,
0.6148

■ 94.6890, 65.2293,
-61.9943

■ 242.3940, -7.5892,
7.5475

■ 79.5940, 72.6712,
-68.9269

■ 251.8080,
-12.2303, 2.7994

■ 79.2950, 72.8186,
-69.5417

Harmonies

Analogous

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



160.3300, 29.4173, -55.5404



168.3920, 28.8937, -27.5308



173.8690, 22.2496, 3.6229

Triad

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



168.3920, 28.8937, -27.5308



173.5730, -15.5655, 45.9785



162.0980, -8.9223, -31.6579

Complementary

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



168.3920, 28.8937, -27.5308



195.6080, -28.8937, 27.5308

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.



165.7500, -21.0757, -6.7967



168.3920, 28.8937, -27.5308



171.2160, -24.2635, 35.7676

Square

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



168.3920, 28.8937, -27.5308



174.7050, -2.3196, 44.1087



169.4110, -26.8246, 17.1796



157.4830, 7.1569, -55.6746

Rectangle

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



168.3920, 28.8937, -27.5308



175.4430, 15.0646, 21.5365



169.4110, -26.8246, 17.1796



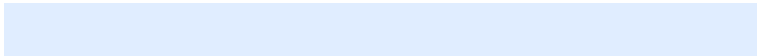
163.8880, -13.7488, -23.5808

Sweetspot

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



168.3920, 28.8937, -27.5308



235.1650, 9.7787, -9.7917



195.9860, -2.4581, -51.7307



116.1610, 5.8366, -5.4032



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.



168.3920, 28.8937, -27.5308



175.6710, 39.1092, -37.4225



149.6520, 38.1326, -4.0798



107.3030, 3.7946, -3.7737



62.0830, 57.6401, -54.4468



17.5540, 16.4889, -15.3949

Inverse Universe

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



168.0140, 2.4581, 51.7307



175.0640, 3.4194, 70.1039



214.0490, -37.9852, 3.4650



107.1580, 0.4151, 6.8774



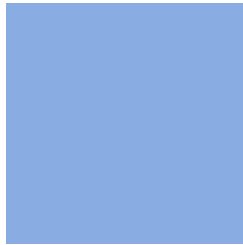
61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 168.3920, 28.8937, -27.5308 looks on a white background.

Color Contrast Check

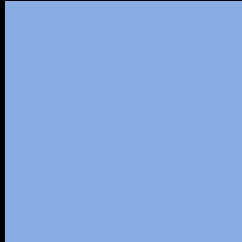
Large Text (above 18pt) WCAG AA × Fail

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 168.3920, 28.8937, -27.5308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

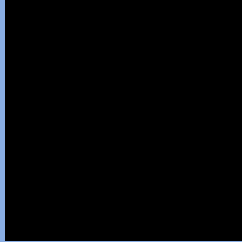
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

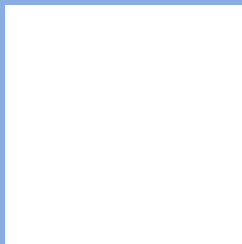
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.3920, 28.8937, -27.5308

Background



This preview shows how black text looks on a background with the YUV color 168.3920, 28.8937, -27.5308.



This preview shows how white text looks on a background with the YUV color 168.3920, 28.8937, -27.5308.

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

168.3920, 28.8937, -27.5308

Protanopia

171.3830, 25.9402, -13.4909

Deuteranopia

170.9530, 28.1242, -13.9908



Tritanopia

165.3470, 13.6329, -32.7533

Trichromacy



Original Color

168.3920, 28.8937, -27.5308

Protanomaly

169.9910, 27.1194, -18.4091

Deuteranomaly

170.0340, 28.5772, -19.3238

Tritanomaly

166.4380, 19.0111, -31.0791

Monochromacy



Original Color

168.3920, 28.8937, -27.5308

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2790, 10.2155, -9.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3920, 28.8937, -27.5308 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(137, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(137, 173, 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(137, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 173, 227) }
```

Border

The CSS property to change the border of an element to YUV 168.3920, 28.8937, -27.5308 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(137, 173, 227) }
```


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

```
.border{ border-color:rgb(137, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(137, 173,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 168.3920, 28.8937, -27.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 173, 227) }
```

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

```
.background{ background-color: rgb(137,  
173, 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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