

Converting Colors

YUV(28.8600, 32.6070, -5.1392)

Have a look what the booklet for
YUV(28.8600, 32.6070, -5.1392)
contains.

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Color

**YUV(28.8600, 32.6070,
-5.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	17135F
RGB	23, 19, 95
RGB Percent	9%, 7%, 37%
CMY	0.9098, 0.9255, 0.6275
CMYK	0.76, 0.80, 0.00, 0.63
HSL	243°, 67%, 22%
HSV	243°, 80%, 37%
XYZ	2.6518, 1.4741, 10.9712
YIQ	28.8600, -22.0120, 24.4840

Conversions

Conversions Part 2

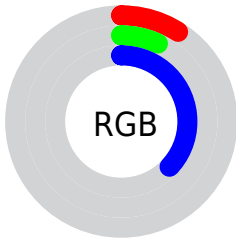
Format	Color
RYB	23, 19, 95
Decimal	1512287
CIELab	12.44, 29.05, -44.03
CIElCh	12, 52.748, 303.418
Yxy	1.4741, 0.1756, 0.0976
Android (android.graphics.Color)	4279702367 (0xFF17135F)
YUV	28.8600, 32.6070, -5.1392
Hunter-Lab	12.1414, 17.7386, -45.0770

Details

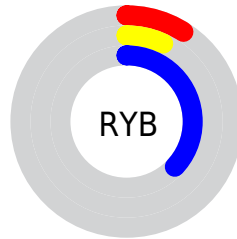
The YUV color **28.8600, 32.6070, -5.1392** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.1400, -32.6070, 5.1392**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.2460, 33.8957, 1.5383**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **20.2990, 36.8276, -5.5242**, and if you desaturate by 10%, it is **37.4210, 28.3864, -4.7542**.

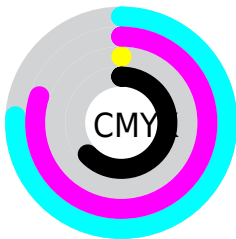
Distribution



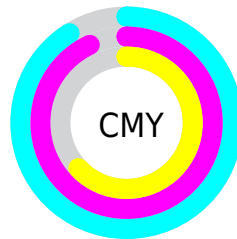
- Red (9%)
- Green (7%)
- Blue (37%)



- Red (9%)
- Yellow (7%)
- Blue (37%)



- Cyan (76%)
- Magenta (80%)
- Yellow (0%)
- Black (63%)



- Cyan (91%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8600, 32.6070, -5.1392 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 28.8600, 32.6070, -5.1392 by changing the saturation by 10% instead.

■ 28.8600, 32.6070,
-5.1392

■ 28.8600, 32.6070,
-5.1392

■ 250.3040, 2.3151,
4.1184

■ 8.0940, 31.0127,
-7.0984

■ 77.2460, 33.8957,
1.5383

■ 7.7060, 19.3719,
-6.7582

■ 101.8980, 35.0533,
3.5975

■ 3.5510, 11.0674,
-3.1142

■ 127.8380, 36.0689,
4.5271

■ 0.0000, 0.0000,
0.0000

■ 153.7780, 37.0844,
5.4567

■ 180.9630, 36.5002,
6.1714

■ 205.4830, 24.4119,

10.1004

■ 230.5900, 12.0341,
13.5146

■ 28.8600, 32.6070,
-5.1392

■ 28.8600, 32.6070,
-5.1392

■ 20.2990, 36.8276,
-5.5242

■ 37.4210, 28.3864,
-4.7542

■ 12.3250, 40.7588,
-6.4240

■ 45.3950, 24.4553,
-3.8544

■ 53.9560, 20.2347,
-3.4694

■ 61.9300, 16.3035,
-2.5696

■ 70.4910, 12.0829,
-2.1846

■ 78.4650, 8.1518,
-1.2848

■ 87.0260, 3.9312,
-0.8998

■ 95.0000, 0.0000,
0.0000

■ 103.5610, -4.2206,
0.3850

Harmonies

Analogous

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



34.6180, 36.1773, -30.3600



28.8600, 32.6070, -5.1392



30.2480, 17.6257, 40.1245

Triad

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



28.8600, 32.6070, -5.1392



28.5390, -14.0697, 32.8533



31.6930, 2.1234, -27.7948

Complementary

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



28.8600, 32.6070, -5.1392



85.1400, -32.6070, 5.1392

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.



26.4150, -13.0226, -23.1660



28.8600, 32.6070, -5.1392



30.7330, -15.1514, 6.3732

Square

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



28.8600, 32.6070, -5.1392



25.4150, -12.5296, 52.2560



24.0670, -11.8650, -21.1068



35.7970, 17.8481, -31.3940

Rectangle

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



28.8600, 32.6070, -5.1392



31.1000, 5.3737, 49.9013



24.0670, -11.8650, -21.1068



29.6240, -3.2656, -25.9802

Sweetspot

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



28.8600, 32.6070, -5.1392



96.9040, 12.3723, -1.6698



69.9280, 12.3605, -44.6639



45.3510, 7.7150, -1.1848



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8600, 32.6070, -5.1392



20.1320, 50.2209, -8.0088



40.2220, 27.0056, 18.2223



44.4560, 1.7472, -0.3999



14.5620, 48.0369, -7.5089



31.2470, 102.9152, -16.0026

Inverse Universe

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



49.9320, 20.2465, 39.5246



52.6370, 31.2380, 60.8314



73.7780, -27.0056, -18.2223



45.6520, 1.1576, 2.0592



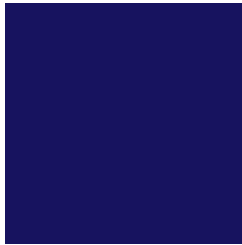
45.5720, 29.7910, 58.2574



97.6380, 63.7755, 124.8515

Previews

White Background



This preview shows how the YUV color 28.8600, 32.6070, -5.1392 looks on a white background.

Color Contrast Check

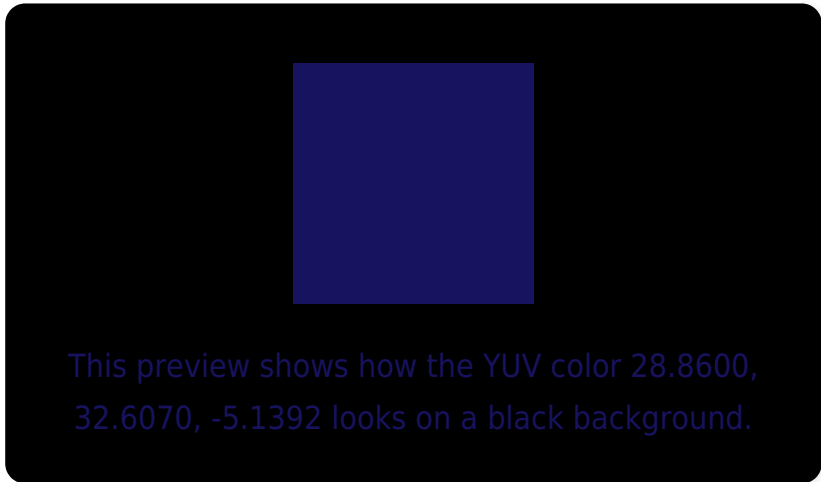
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

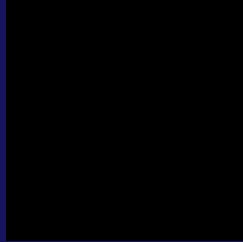
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.8600, 32.6070, -5.1392

Background



This preview shows how black text looks on a background with the YUV color 28.8600, 32.6070, -5.1392.



This preview shows how white text looks on a background with the YUV color 28.8600, 32.6070,

-5.1392.

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

28.8600, 32.6070, -5.1392

Protanopia

27.1230, 20.1524, -23.7869

Deuteranopia

27.1570, 15.2056, -23.8167



Tritanopia

26.2790, 6.7645, -23.0467

Trichromacy



Original Color

28.8600, 32.6070, -5.1392

Protanomaly

27.7200, 24.7880, -17.2944

Deuteranomaly

27.5090, 21.4411, -17.1094

Tritanomaly

26.8420, 16.3469, -16.5244

Monochromacy



Original Color

28.8600, 32.6070, -5.1392

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7900, 11.9355, -1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8600, 32.6070, -5.1392 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(23, 19, 95)` looks like.

```
.text, #text, p{  
    color:rgb(23, 19, 95)  
}
```

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(23, 19, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 19, 95) }
```

Border

The CSS property to change the border of an element to YUV 28.8600, 32.6070, -5.1392 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(23, 19, 95) }
```


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

```
.border{ border-color:rgb(23, 19, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 19, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 19, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 19, 95);  
box-shadow:4px 4px 4px 4px rgb(23, 19, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.8600, 32.6070, -5.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 19, 95) }
```

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

```
.background{ background-color: rgb(23, 19,  
95) }
```

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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