

Converting Colors

YUV(129.9280, 36.0245,
-28.0009)

Have a look what the booklet for
YUV(129.9280, 36.0245, -28.0009)
contains.

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Color

**YUV(129.9280, 36.0245,
-28.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	6284CB
RGB	98, 132, 203
RGB Percent	38%, 52%, 80%
CMY	0.6157, 0.4824, 0.2039
CMYK	0.52, 0.35, 0.00, 0.20
HSL	221°, 50%, 59%
HSV	221°, 52%, 80%
XYZ	24.0678, 23.4110, 59.7502
YIQ	129.9280, -43.0550, 14.8730

Conversions

Conversions Part 2

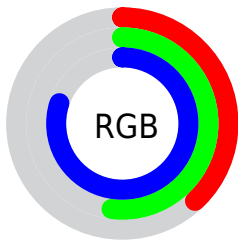
Format	Color
R _Y B	98, 124, 203
Decimal	6456523
CIE Lab	55.49, 8.17, -40.48
CIE LCh	55, 41.292, 281.407
Yxy	23.4110, 0.2245, 0.2183
Android (android.graphics.Color)	4284646603 (0xFF6284CB)
YUV	129.9280, 36.0245, -28.0009
Hunter-Lab	48.3849, 4.1164, -39.3474

Details

The YUV color **129.9280, 36.0245, -28.0009** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **171.0720, -36.0245, 28.0009**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7110, 35.1455, -26.0565**, and **76.9550, 35.0252, -34.1635** is the 20% darker color. If you saturate the color by 10%, you get **115.7300, 43.0241, -33.0892**, and if you desaturate by 10%, it is **144.1260, 29.0249, -22.9125**.

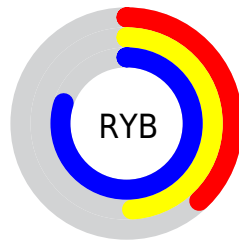
Distribution



Red (38%)

Green (52%)

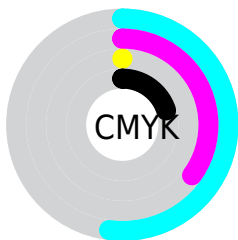
Blue (80%)



Red (38%)

Yellow (49%)

Blue (80%)

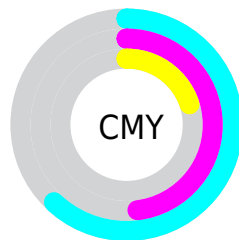


Cyan (52%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (62%)

Magenta (48%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9280, 36.0245, -28.0009 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 129.9280, 36.0245, -28.0009 by changing the saturation by 10% instead.

■ 129.9280, 36.0245,
-28.0009

■ 129.9280, 36.0245,
-28.0009

255.0000, 0.0000,
0.0000

■ 103.3900, 35.3037,
-30.1600

■ 183.7110, 35.1455,
-26.0565

■ 76.9550, 35.0252,
-34.1635

■ 208.2310, 23.0571,
-22.1276

■ 49.1280, 35.9259,
-43.0853

■ 233.9250, 10.3900,
-19.2282

■ 33.9510, 31.0832,
-29.7750

■ 250.8140, 2.0637,
-8.6069

■ 19.4750, 26.3878,
-17.0796

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 129.9280, 36.0245,
-28.0009

■ 129.9280, 36.0245,
-28.0009

■ 115.7300, 43.0241,
-33.0892

■ 144.1260, 29.0249,
-22.9125

■ 101.8200, 49.8817,
-39.3071

■ 158.0360, 22.1673,
-16.6946

■ 87.6220, 56.8814,
-44.3955

■ 172.2340, 15.1676,
-11.6062

■ 73.4240, 63.8810,
-49.4838

■ 186.4320, 8.1680,
-6.5179

■ 61.8840, 69.5702,
-54.2723

■ 200.9290, 1.0210,
-0.8147

■ 214.5400, -5.6892,
4.7884

■ 228.7380,
-12.6888, 9.8768

■ 241.4410,
-18.9514, 11.8912

■ 249.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



106.7410, 45.9767, -93.6119



129.9280, 36.0245, -28.0009



136.6300, 24.8324, 15.2335

Triad

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



129.9280, 36.0245, -28.0009



132.4940, -22.4285, 53.9408



114.8280, -2.8732, -58.6082

Complementary

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



129.9280, 36.0245, -28.0009



171.0720, -36.0245, 28.0009

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.



123.8040, -23.0744, -19.1221



129.9280, 36.0245, -28.0009



131.2240, -33.1414, 36.6376

Square

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



129.9280, 36.0245, -28.0009



134.3540, -6.5835, 58.4485



128.2440, -33.6443, 11.1870



105.2810, 20.0745, -92.3314

Rectangle

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



129.9280, 36.0245, -28.0009



137.2430, 15.1632, 36.6209



128.2440, -33.6443, 11.1870



118.5650, -10.6315, -43.4685

Sweetspot

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



129.9280, 36.0245, -28.0009



226.3050, 14.1466, -10.7915



167.6150, 0.1898, -61.0524



110.5460, 8.6048, -6.6178



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.



129.9280, 36.0245, -28.0009



144.9490, 54.2551, -42.0513



115.0530, 43.3579, -0.0465



94.9010, 3.4998, -2.5442



50.6220, 56.8814, -44.3955



11.3760, 13.1256, -9.9768

Inverse Universe

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



133.2710, -0.6266, 61.1523



150.0560, -1.0136, 92.0359



185.9470, -43.3579, 0.0465



95.3320, -0.1637, 5.8478



55.7900, -0.8825, 96.6542



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 129.9280, 36.0245, -28.0009 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 129.9280, 36.0245, -28.0009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

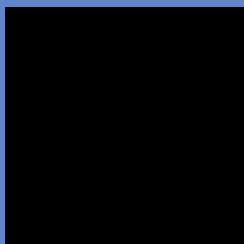
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

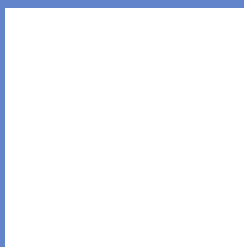
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.9280, 36.0245, -28.0009

Background



This preview shows how black text looks on a background with the YUV color 129.9280, 36.0245, -28.0009.



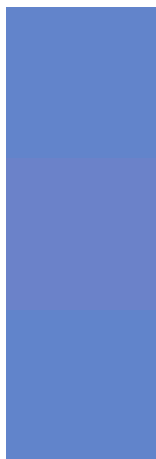
This preview shows how white text looks on a background with the YUV color 129.9280, 36.0245, -28.0009.

-28.0009.

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

129.9280, 36.0245, -28.0009

Protanopia

131.2170, 34.4030, -21.2383

Deuteranopia

129.6290, 36.1719, -28.6156



Tritanopia

125.0150, 13.7966, -38.6012

Trichromacy



Original Color

129.9280, 36.0245, -28.0009

Protanomaly

131.0210, 34.9926, -23.6974

Deuteranomaly

129.6290, 36.1719, -28.6156

Tritanomaly

126.5130, 21.9321, -34.6529

Monochromacy



Original Color

129.9280, 36.0245, -28.0009

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0770, 13.2730, -10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9280, 36.0245, -28.0009 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(98, 132, 203)` looks like.

```
.text, #text, p{  
    color:rgb(98, 132, 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(98, 132, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 132, 203) }
```

Border

The CSS property to change the border of an element to YUV 129.9280, 36.0245, -28.0009 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(98, 132, 203) }
```


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

```
.border{ border-color:rgb(98, 132, 203) }
```

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

Here you see how a box with a 4 pixel rgb(98, 132, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 132, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 132, 203);  
box-shadow:4px 4px 4px 4px rgb(98, 132,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 129.9280, 36.0245, -28.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 132, 203) }
```

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

```
.background{ background-color: rgb(98, 132,  
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](#).

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