

Converting Colors

YUV(28.6600, -7.7204, 2.9292)

Have a look what the booklet for
YUV(28.6600, -7.7204, 2.9292)
contains.

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Color

**YUV(28.6600, -7.7204,
2.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	201E0D
RGB	32, 30, 13
RGB Percent	13%, 12%, 5%
CMY	0.8745, 0.8824, 0.9490
CMYK	0.00, 0.06, 0.59, 0.87
HSL	54°, 42%, 9%
HSV	54°, 59%, 13%
XYZ	1.1326, 1.2647, 0.5652
YIQ	28.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

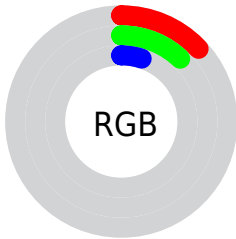
Format	Color
RYB	15, 32, 13
Decimal	2104845
CIELab	11.03, -2.29, 10.93
CIELCh	11, 11.164, 101.829
Yxy	1.2647, 0.3823, 0.4269
Android (android.graphics.Color)	4280294925 (0xFF201E0D)
YUV	28.6600, -7.7204, 2.9292
Hunter-Lab	11.2458, -1.7031, 4.8923

Details

The YUV color **28.6600, -7.7204, 2.9292** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.3400, 7.7204, -2.9292**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.5460, -8.1572, 3.0292**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.3180, -9.0308, 3.2291**, and if you desaturate by 10%, it is **29.0020, -6.4100, 2.6292**.

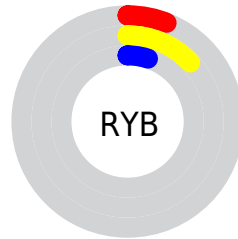
Distribution



Red (13%)

Green (12%)

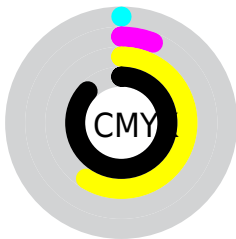
Blue (5%)



Red (6%)

Yellow (13%)

Blue (5%)

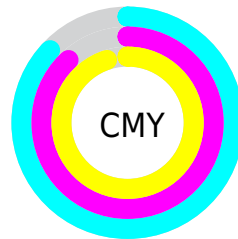


Cyan (0%)

Magenta (6%)

Yellow (59%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.6600, -7.7204, 2.9292 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 28.6600, -7.7204, 2.9292 by changing the saturation by 10% instead.

■ 28.6600, -7.7204,
2.9292

■ 28.6600, -7.7204,
2.9292

■ 252.9480, -7.8624,
1.7996

■ 2.9350, -1.4470,
-2.5740

■ 72.5460, -8.1572,
3.0292

■ 0.0000, 0.0000,
0.0000

■ 95.8450, -8.3046,
3.6439

■ 120.7310, -8.7414,
3.7439

■ 146.6170, -9.1782,
3.8439

■ 172.9160, -9.3256,
4.4587

■ 200.8020, -9.7624,

4.5586

■ 228.6880,
-10.1992, 4.6586

■ 28.6600, -7.7204,
2.9292

■ 28.6600, -7.7204,
2.9292

■ 28.3180, -9.0308,
3.2291

■ 29.0020, -6.4100,
2.6292

■ 27.3890, -10.0518,
4.0438

■ 29.9310, -5.3890,
1.8145

■ 26.9330, -11.7990,
4.4438

■ 30.3870, -3.6418,
1.4146

■ 26.5910, -13.1094,
4.7437

■ 30.7290, -2.3314,
1.1147

■ 31.6580, -1.3104,
0.2999

■ 32.0000, 0.0000,
0.0000

■ 32.3420, 1.3104,
-0.2999

■ 33.3850, 2.7682,
-1.2146

■ 33.7270, 4.0786,
-1.5146

Harmonies

Analogous

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



29.1060, -7.4473, 8.6770



28.6600, -7.7204, 2.9292



27.7130, -4.7885, -4.1333

Triad

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



28.6600, -7.7204, 2.9292



24.7140, 7.0430, -19.0432



30.2230, 1.8621, 9.4514

Complementary

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



28.6600, -7.7204, 2.9292



16.3400, 7.7204, -2.9292

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.



30.1020, 5.3727, 3.4185



28.6600, -7.7204, 2.9292



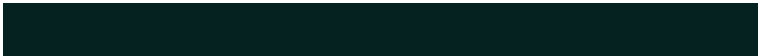
27.0890, 8.3371, -14.1101

Square

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



28.6600, -7.7204, 2.9292



25.1010, 3.4012, -17.6286



29.2150, 7.2890, -4.5736



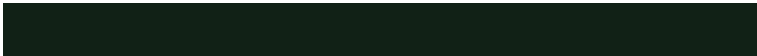
30.3220, -1.6377, 11.9956

Rectangle

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



28.6600, -7.7204, 2.9292



26.9620, -2.4463, -8.7367



29.2150, 7.2890, -4.5736



30.8530, 3.0305, 8.0219

Sweetspot

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



28.6600, -7.7204, 2.9292



39.5010, -3.2050, 1.3146



18.9090, -1.9271, 11.4808



19.5440, -1.7472, 0.3999



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



28.6600, -7.7204, 2.9292



35.9330, -11.7990, 4.4438



27.7410, -7.2673, -2.4039



14.8860, -0.4368, 0.1000



65.2980, -32.1919, 12.0167



170.4880, -84.0506, 32.0210

Inverse Universe

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



16.3400, 7.7204, -2.9292



17.0670, 11.7990, -4.4438



17.2590, 7.2673, 2.4039



14.1140, 0.4368, -0.1000



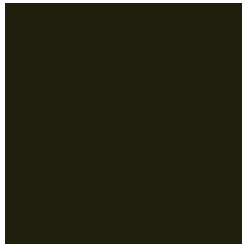
13.7020, 32.1919, -12.0167



36.5120, 84.0506, -32.0210

Previews

White Background



This preview shows how the YUV color 28.6600, -7.7204, 2.9292 looks on a white background.

Color Contrast Check

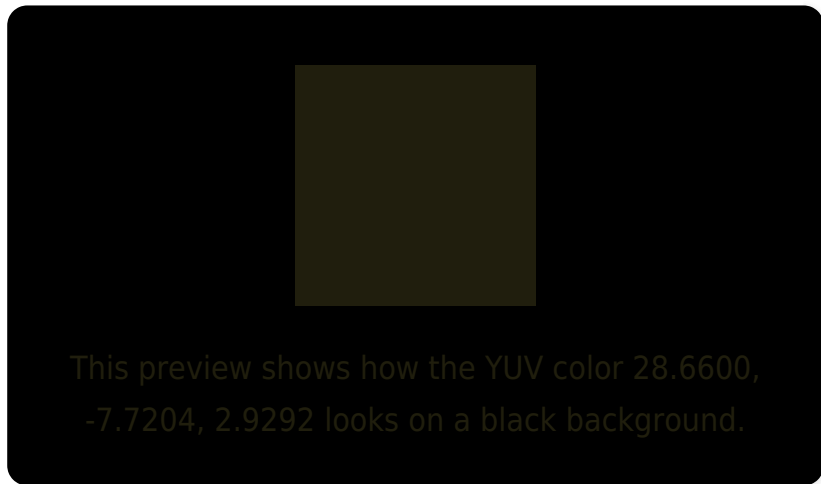
Large Text (above 18pt) WCAG AA ✓ Pass

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

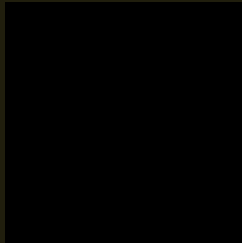
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.6600, -7.7204, 2.9292

Background



This preview shows how black text looks on a background with the YUV color 28.6600, -7.7204, 2.9292.

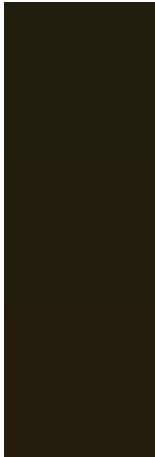


This preview shows how white text looks on a background with the YUV color 28.6600, -7.7204,

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

28.6600, -7.7204, 2.9292

Protanopia

28.9590, -7.8678, 3.5440

Deuteranopia

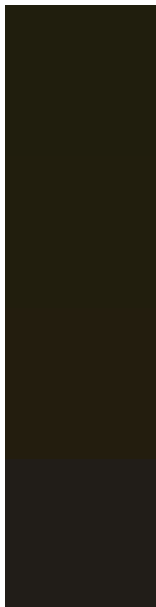
29.0950, -7.4418, 6.9327



Tritanopia

30.0220, -0.0108, 3.4887

Trichromacy



Original Color

28.6600, -7.7204, 2.9292

Protanomaly

28.9590, -7.8678, 3.5440

Deuteranomaly

29.0840, -7.4364, 5.1883

Tritanomaly

29.6260, -2.7736, 2.9590

Monochromacy



Original Color

28.6600, -7.7204, 2.9292

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.6150, -2.7682, 1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.6600, -7.7204, 2.9292 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(32, 30, 13)` looks like.

```
.text, #text, p{  
    color:rgb(32, 30, 13)  
}
```

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(32, 30, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 30, 13) }
```

Border

The CSS property to change the border of an element to YUV 28.6600, -7.7204, 2.9292 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(32, 30, 13) }
```


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

```
.border{ border-color:rgb(32, 30, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 30, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 30, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 30, 13);  
box-shadow:4px 4px 4px 4px rgb(32, 30, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.6600, -7.7204, 2.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 30, 13) }
```

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

```
.background{ background-color: rgb(32, 30,  
13) }
```

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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