

Converting Colors

YUV(28.2880, 3.3090, 12.0254)

Have a look what the booklet for
YUV(28.2880, 3.3090, 12.0254)
contains.

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Color

**YUV(28.2880, 3.3090,
12.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1423
RGB	42, 20, 35
RGB Percent	16%, 8%, 14%
CMY	0.8353, 0.9216, 0.8627
CMYK	0.00, 0.52, 0.17, 0.84
HSL	319°, 35%, 12%
HSV	319°, 52%, 16%
XYZ	1.5084, 1.1139, 1.7256
YIQ	28.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

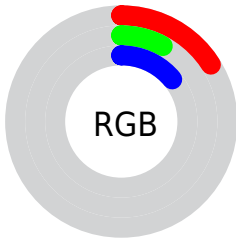
Format	Color
R_{YB}	42, 20, 35
Decimal	2757667
CIE Lab	9.91, 13.98, -5.57
CIE LCh	10, 15.053, 338.279
Yxy	1.1139, 0.3469, 0.2562
Android (android.graphics.Color)	4280947747 (0xFF2A1423)
YUV	28.2880, 3.3090, 12.0254
Hunter-Lab	10.5542, 7.0410, -2.3061

Details

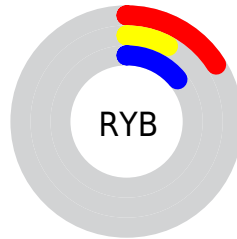
The YUV color **28.2880, 3.3090, 12.0254** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **33.7120, -3.3090, -12.0254**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2990, 3.3036, 13.7698**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.8260, 4.0298, 14.1846**, and if you desaturate by 10%, it is **30.7500, 2.5882, 9.8663**.

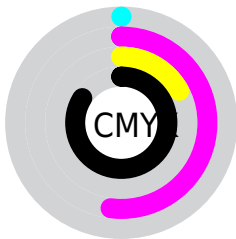
Distribution



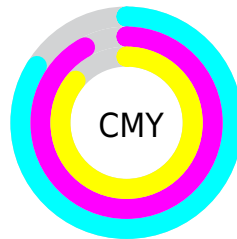
- Red (16%)
- Green (8%)
- Blue (14%)



- Red (16%)
- Yellow (8%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (17%)
- Black (84%)



- Cyan (84%)
- Magenta (92%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.2880, 3.3090, 12.0254 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 28.2880, 3.3090, 12.0254 by changing the saturation by 10% instead.

■ 28.2880, 3.3090,
12.0254

■ 28.2880, 3.3090,
12.0254

■ 249.7170, 2.6045,
4.6332

■ 8.6580, 2.1406,
13.4549

■ 72.2990, 3.3036,
13.7698

■ 0.0000, 0.0000,
0.0000

■ 96.0110, 3.4456,
14.8994

■ 121.0110, 3.4456,
14.8994


■ 146.7230, 3.5876,
16.0289

■ 173.7230, 3.5876,
16.0289

■ 201.1360, 3.8770,

16.5437


 229.4350, 3.7295,
17.1585


 28.2880, 3.3090,
12.0254

 28.2880, 3.3090,
12.0254


 25.8260, 4.0298,
14.1846


 30.7500, 2.5882,
9.8663


 23.2500, 4.3137,
16.4438

 33.3260, 2.3043,
7.6071


 20.2010, 5.3239,
19.1177

 36.3750, 1.2941,
4.9331

 17.7390, 6.0447,
21.2769

 38.8370, 0.5734,
2.7740

 15.8640, 6.4760,
22.9213

 41.4130, 0.2894,
0.5148

■ 43.8750, -0.4314,
-1.6444

■ 46.3370, -1.1521,
-3.8035

■ 49.5000, -1.7255,
-6.5775

■ 51.9620, -2.4463,
-8.7367

Harmonies

Analogous

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



28.5580, 7.1199, 3.0186



28.2880, 3.3090, 12.0254



27.7570, -1.3592, 15.9991

Triad

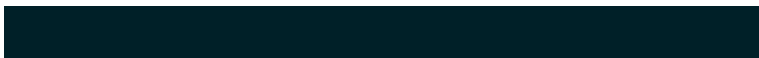
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.2880, 3.3090, 12.0254



26.0040, -12.8200, 5.2585



23.3440, 8.2114, -20.4727

Complementary

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



28.2880, 3.3090, 12.0254



33.7120, -3.3090, -12.0254

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.



22.7910, 3.5540, -19.9877



28.2880, 3.3090, 12.0254



24.6870, -8.7197, -3.2335

Square

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



28.2880, 3.3090, 12.0254



26.2760, -11.9681, 12.0359



22.4450, -1.6984, -15.2993



22.8540, 11.4110, -20.0430

Rectangle

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



28.2880, 3.3090, 12.0254



27.5460, -4.7062, 16.1842



22.4450, -1.6984, -15.2993



23.0020, 6.9010, -20.1728

Sweetspot

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



28.2880, 3.3090, 12.0254



48.3750, 1.2941, 4.9331



24.6010, 8.5777, 2.1039



24.8370, 0.5734, 2.7740



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



28.2880, 3.3090, 12.0254



32.7880, 5.0345, 18.6029



27.0340, -1.4958, 13.1252



18.8260, 0.5788, 1.0296



31.6140, 12.5153, 45.9425



79.8040, 31.6486, 115.9359

Inverse Universe

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



28.2880, 3.3090, 12.0254



32.7880, 5.0345, 18.6029



34.9660, 1.4958, -13.1252



18.8260, 0.5788, 1.0296



31.6140, 12.5153, 45.9425



79.8040, 31.6486, 115.9359

Previews

White Background



This preview shows how the YUV color 28.2880, 3.3090, 12.0254 looks on a white background.

Color Contrast Check

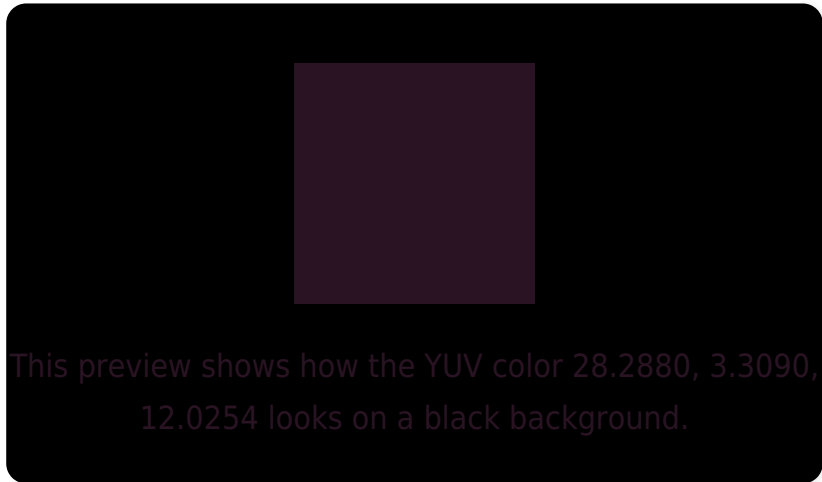
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2880, 3.3090, 12.0254

Background



This preview shows how black text looks on a background with the YUV color 28.2880, 3.3090, 12.0254.



This preview shows how white text looks on a background with the YUV color 28.2880, 3.3090,

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

28.2880, 3.3090, 12.0254

Protanopia

28.2860, 6.2680, -3.7588

Deuteranopia

28.0970, 2.9102, -0.0851



Tritanopia

27.9090, -1.9271, 11.4808

Trichromacy



Original Color

28.2880, 3.3090, 12.0254

Protanomaly

28.3900, 5.2307, 2.2890

Deuteranomaly

27.8310, 3.0413, 4.5332

Tritanomaly

27.7780, 0.1094, 11.5957

Monochromacy



Original Color

28.2880, 3.3090, 12.0254

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.2880, 3.3090, 12.0254 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(42, 20, 35)` looks like.

```
.text, #text, p{  
    color:rgb(42, 20, 35)  
}
```

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(42, 20, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 20, 35) }
```

Border

The CSS property to change the border of an element to YUV 28.2880, 3.3090, 12.0254 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(42, 20, 35) }
```


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

```
.border{ border-color:rgb(42, 20, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 20, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 20, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 20, 35);  
box-shadow:4px 4px 4px 4px rgb(42, 20, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.2880, 3.3090, 12.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 20, 35) }
```

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

```
.background{ background-color: rgb(42, 20,  
35) }
```

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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