

Converting Colors

YUV(28.3990, 11.6353, 1.4041)

Have a look what the booklet for
YUV(28.3990, 11.6353, 1.4041)
contains.

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Color

**YUV(28.3990, 11.6353,
1.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1734
RGB	30, 23, 52
RGB Percent	12%, 9%, 20%
CMY	0.8824, 0.9098, 0.7961
CMYK	0.42, 0.56, 0.00, 0.80
HSL	254°, 39%, 15%
HSV	254°, 56%, 20%
XYZ	1.4616, 1.1367, 3.3912
YIQ	28.3990, -5.1370, 10.5030

Conversions

Conversions Part 2

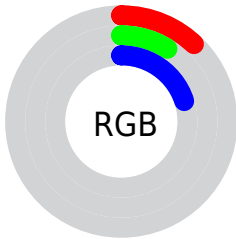
Format	Color
RYB	30, 23, 52
Decimal	1972020
CIELab	10.08, 11.91, -17.96
CIELCh	10, 21.550, 303.566
Yxy	1.1367, 0.2440, 0.1898
Android (android.graphics.Color)	4280162100 (0xFF1E1734)
YUV	28.3990, 11.6353, 1.4041
Hunter-Lab	10.6618, 5.8127, -11.3950

Details

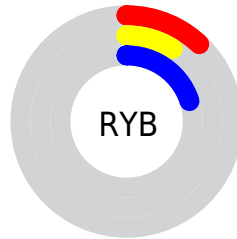
The YUV color **28.3990, 11.6353, 1.4041** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.6010, -11.6353, -1.4041**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.4530, 13.0877, 2.2337**, and **0.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **24.2680, 13.6719, 1.5190**, and if you desaturate by 10%, it is **32.5300, 9.5987, 1.2892**.

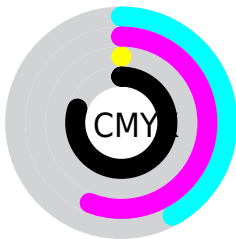
Distribution



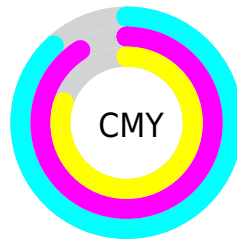
- Red (12%)
- Green (9%)
- Blue (20%)



- Red (12%)
- Yellow (9%)
- Blue (20%)



- Cyan (42%)
- Magenta (56%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.3990, 11.6353, 1.4041 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 28.3990, 11.6353, 1.4041 by changing the saturation by 10% instead.

■ 28.3990, 11.6353,
1.4041

■ 28.3990, 11.6353,
1.4041

■ 251.4780, 1.7363,
3.0888

■ 6.5240, 12.0667,
3.0485

■ 72.4530, 13.0877,
2.2337

■ 0.2280, 0.8736,
-0.2000

■ 96.2790, 13.6665,
3.2633

■ 0.0000, 0.0000,
0.0000

■ 121.3930, 14.1033,
3.1633

■ 146.8060, 14.3926,
3.6781

■ 173.9200, 14.8294,
3.5782

■ 201.0340, 15.2662,

3.4782

■ 228.7630, 12.9348,
4.5928

■ 28.3990, 11.6353,
1.4041

■ 28.3990, 11.6353,
1.4041

■ 24.2680, 13.6719,
1.5190

■ 32.5300, 9.5987,
1.2892

■ 20.1370, 15.7085,
1.6339

■ 36.6610, 7.5621,
1.1743

■ 15.4190, 18.0344,
2.2635

■ 41.3790, 5.2362,
0.5446

■ 11.2880, 20.0710,
2.3784

■ 45.5100, 3.1996,
0.4297

■ 9.8150, 20.7972,
2.7932

■ 49.6410, 1.1630,
0.3148

■ 53.7720, -0.8736,
0.2000

■ 57.9030, -2.9102,
0.0851

■ 62.6210, -5.2362,
-0.5446

■ 66.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



23.5210, 16.5051, -20.6279



28.3990, 11.6353, 1.4041



28.4070, 6.2083, 15.4291

Triad

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



28.3990, 11.6353, 1.4041



26.6680, -13.1473, 16.9542



23.8510, 2.5385, -20.9173

Complementary

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



28.3990, 11.6353, 1.4041



46.6010, -11.6353, -1.4041

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.



21.3260, -4.5977, -18.7029



28.3990, 11.6353, 1.4041



26.0150, -12.8254, 7.0028

Square

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



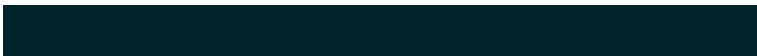
28.3990, 11.6353, 1.4041



26.2650, -8.5116, 23.4466



24.4760, -12.0667, -3.0485



24.8600, 8.9430, -21.8022

Rectangle

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



28.3990, 11.6353, 1.4041



27.3000, 1.8241, 21.6619



24.4760, -12.0667, -3.0485



23.2810, 0.3545, -20.4174

Sweetspot

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



28.3990, 11.6353, 1.4041



59.2650, 4.7994, 0.6446



39.2200, 6.3005, -14.2249



30.0970, 2.9102, -0.0851



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



28.3990, 11.6353, 1.4041



31.5330, 18.4712, 2.1636



32.5850, 9.5716, 10.0110



23.6410, 1.1630, 0.3148



16.7240, 35.6321, 4.6271



40.2860, 87.1200, 10.2732

Inverse Universe

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



34.1790, 5.3348, 15.6290



40.7440, 8.5072, 24.7805



42.4150, -9.5716, -10.0110



24.1250, 0.4314, 1.6444



34.3630, 16.5830, 47.9166



83.5790, 39.6476, 117.0102

Previews

White Background



This preview shows how the YUV color 28.3990, 11.6353, 1.4041 looks on a white background.

Color Contrast Check

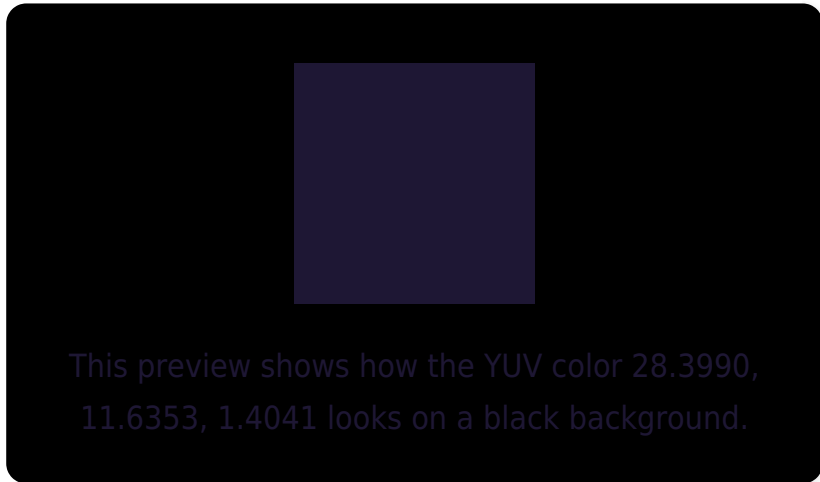
Large Text (above 18pt) WCAG AA ✓ Pass

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

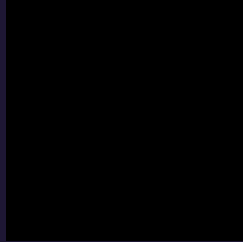
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.3990, 11.6353, 1.4041

Background



This preview shows how black text looks on a background with the YUV color 28.3990, 11.6353, 1.4041.



This preview shows how white text looks on a background with the YUV color 28.3990, 11.6353,

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

28.3990, 11.6353, 1.4041

Protanopia

24.6250, 15.4679, -14.5801

Deuteranopia

22.1360, 13.7370, -19.4133



Tritanopia

28.0320, 1.4632, -2.6591

Trichromacy



Original Color

28.3990, 11.6353, 1.4041

Protanomaly

26.3160, 14.1412, -9.0471

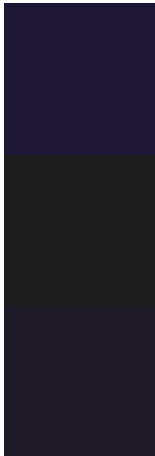
Deuteranomaly

24.3650, 13.1311, -11.7211

Tritanomaly

28.3680, 5.2416, -1.1997

Monochromacy



Original Color

28.3990, 11.6353, 1.4041

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.3990, 11.6353, 1.4041 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(30, 23, 52)` looks like.

```
.text, #text, p{  
    color:rgb(30, 23, 52)  
}
```

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(30, 23, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 23, 52) }
```

Border

The CSS property to change the border of an element to YUV 28.3990, 11.6353, 1.4041 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(30, 23, 52) }
```


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

```
.border{ border-color:rgb(30, 23, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 23, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 23, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 23, 52);  
box-shadow:4px 4px 4px 4px rgb(30, 23, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.3990, 11.6353, 1.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 23, 52) }
```

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

```
.background{ background-color: rgb(30, 23,  
52) }
```

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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