

Converting Colors

YUV(21.2950, 36.3366, 12.0193)

Have a look what the booklet for
YUV(21.2950, 36.3366, 12.0193)
contains.

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Color

**YUV(21.2950, 36.3366,
12.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	23005F
RGB	35, 0, 95
RGB Percent	14%, 0%, 37%
CMY	0.8627, 1.0000, 0.6275
CMYK	0.63, 1.00, 0.00, 0.63
HSL	262°, 100%, 19%
HSV	262°, 100%, 37%
XYZ	2.7587, 1.1835, 10.9095
YIQ	21.2950, -9.6350, 36.9650

Conversions

Conversions Part 2

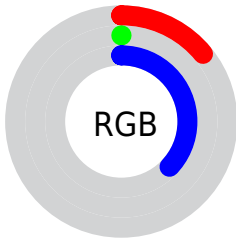
Format	Color
R_{YB}	35, 0, 95
Decimal	2293855
CIE _{Lab}	10.44, 39.71, -47.31
CIE _{LCh}	10, 61.772, 310.009
Yxy	1.1835, 0.1857, 0.0797
Android (android.graphics.Color)	4280483935 (0xFF23005F)
YUV	21.2950, 36.3366, 12.0193
Hunter-Lab	10.8791, 26.2252, -51.8404

Details

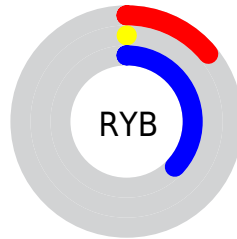
The YUV color **21.2950, 36.3366, 12.0193** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **73.7050, -36.3366, -12.0193**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.4310, 36.7625, 15.4080**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **21.2950, 36.3366, 12.0193**, and if you desaturate by 10%, it is **28.3720, 32.8476, 11.0748**.

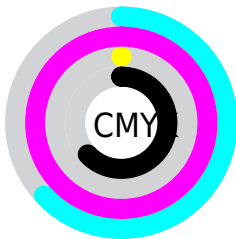
Distribution



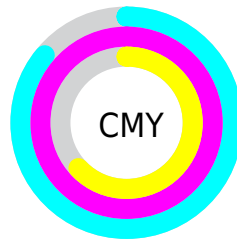
- Red (14%)
- Green (0%)
- Blue (37%)



- Red (14%)
- Yellow (0%)
- Blue (37%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2950, 36.3366, 12.0193 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 21.2950, 36.3366, 12.0193 by changing the saturation by 10% instead.

■ 21.2950, 36.3366,
12.0193

■ 21.2950, 36.3366,
12.0193

■ 242.0860, 6.3666,
11.3256

■ 11.0840, 29.5386,
-0.9507

■ 72.4310, 36.7625,
15.4080

■ 7.7060, 19.3719,
-6.7582

■ 97.3710, 37.7781,
16.3376

■ 3.5510, 11.0674,
-3.1142

■ 123.4960, 38.2095,
17.9820

■ 0.0000, 0.0000,
0.0000

■ 149.8490, 39.5144,
19.4264

■ 176.3330, 38.7828,
20.7560

■ 201.4400, 26.4051,

24.1701

■ 225.0630, 14.7589,
26.2547

■ 21.2950, 36.3366,
12.0193

■ 28.3720, 32.8476,
11.0748

■ 36.0360, 29.0693,
9.6154

■ 43.7000, 25.2909,
8.1561

■ 50.7770, 21.8019,
7.2116

■ 58.4410, 18.0236,
5.7522

■ 65.5180, 14.5346,
4.8077

■ 73.1820, 10.7563,
3.3484

■ 80.2590, 7.2673,
2.4039

■ 87.9230, 3.4890,
0.9445

Harmonies

Analogous

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



31.8940, 40.9713, -27.9710



21.2950, 36.3366, 12.0193



31.4290, 13.0995, 45.2278

Triad

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



21.2950, 36.3366, 12.0193



24.9730, -12.3117, 28.9647



29.4420, 6.1911, -25.8206

Complementary

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



21.2950, 36.3366, 12.0193



73.7050, -36.3366, -12.0193

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.



24.0670, -11.8650, -21.1068



21.2950, 36.3366, 12.0193



25.9600, -12.7983, -1.7189

Square

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



21.2950, 36.3366, 12.0193



24.5180, -12.0874, 50.4117



23.4800, -11.5756, -20.5920



35.2900, 23.5210, -30.9493

Rectangle

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



21.2950, 36.3366, 12.0193



31.3410, -0.1681, 54.0749



23.4800, -11.5756, -20.5920



27.7320, -0.3609, -24.3210

Sweetspot

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



21.2950, 36.3366, 12.0193



93.9910, 13.8084, 4.3929



46.0500, 24.1324, -40.3858



43.9000, 8.4303, 2.7187



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.



21.2950, 36.3366, 12.0193



27.3630, 46.6560, 15.4676



35.3480, 29.4084, 40.9138



44.7550, 1.5998, 0.2149



25.0270, 42.8777, 14.0083



53.6720, 91.8597, 30.1057

Inverse Universe

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



35.2450, 12.2042, 52.4051



45.2560, 15.6498, 67.3045



59.6520, -29.4084, -40.9138



45.5380, 0.7208, 2.1592



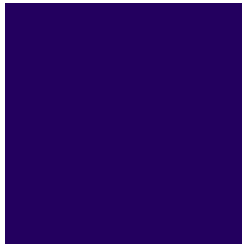
41.5820, 14.5031, 61.7566



88.9740, 30.5788, 132.4498

Previews

White Background



This preview shows how the YUV color 21.2950, 36.3366, 12.0193 looks on a white background.

Color Contrast Check

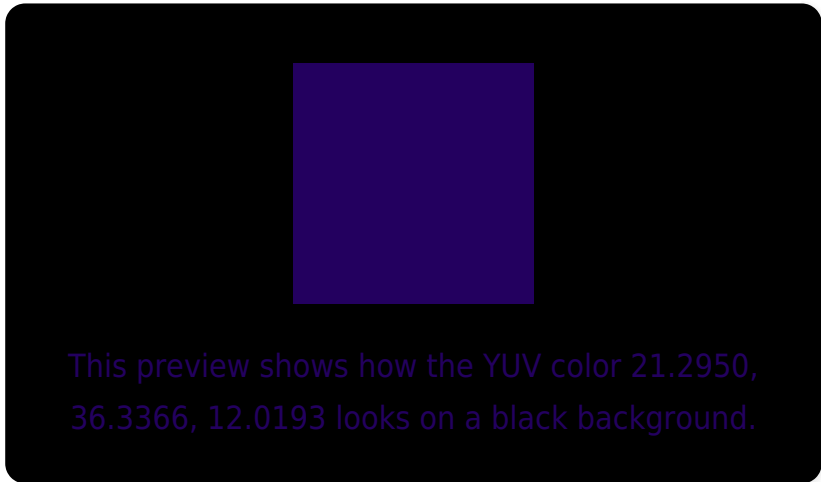
Large Text (above 18pt) WCAG AA ✓ Pass

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

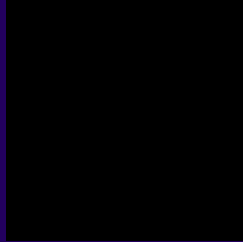
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.2950, 36.3366, 12.0193

Background



This preview shows how black text looks on a background with the YUV color 21.2950, 36.3366, 12.0193.



This preview shows how white text looks on a background with the YUV color 21.2950, 36.3366,

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



Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.4560, 15.0582, -23.2019

Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Protanomaly

24.4050, 25.9293, -10.0022

Deuteranomaly

24.8950, 22.7298, -10.4319

Tritanomaly

24.1140, 17.1988, -9.7470

Monochromacy



Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8770, 13.3716, 4.4929

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2950, 36.3366, 12.0193 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(35, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 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(35, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 95) }
```

Border

The CSS property to change the border of an element to YUV 21.2950, 36.3366, 12.0193 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(35, 0, 95) }
```

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

```
.border{ border-color:rgb(35, 0, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 0, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 0, 95); box-shadow:4px  
4px 4px 4px rgb(35, 0, 95) }
```


Background

The CSS property to change the background color of an element to YUV 21.2950, 36.3366, 12.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 0, 95) }
```

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

```
.background{ background-color: rgb(35, 0,  
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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