

Converting Colors

YUV(29.2030, 32.4379, 2.4530)

Have a look what the booklet for
YUV(29.2030, 32.4379, 2.4530)
contains.

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Color

**YUV(29.2030, 32.4379,
2.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	200F5F
RGB	32, 15, 95
RGB Percent	13%, 6%, 37%
CMY	0.8745, 0.9412, 0.6275
CMYK	0.66, 0.84, 0.00, 0.63
HSL	253°, 73%, 22%
HSV	253°, 84%, 37%
XYZ	2.8320, 1.4749, 10.9619
YIQ	29.2030, -15.5480, 28.4840

Conversions

Conversions Part 2

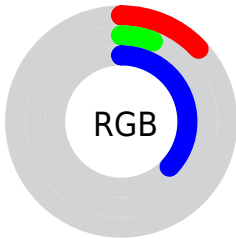
Format	Color
R_{YB}	32, 15, 95
Decimal	2101087
CIE _{Lab}	12.45, 32.39, -43.99
CIE _{LCh}	12, 54.629, 306.362
Yxy	1.4749, 0.1855, 0.0966
Android (android.graphics.Color)	4280291167 (0xFF200F5F)
YUV	29.2030, 32.4379, 2.4530
Hunter-Lab	12.1447, 20.3713, -45.0141

Details

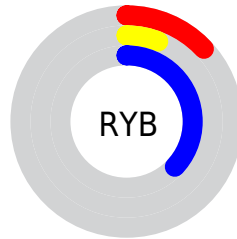
The YUV color **29.2030, 32.4379, 2.4530** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **80.7970, -32.4379, -2.4530**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5780, 33.7320, 7.3861**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **21.8270, 36.0743, 2.7827**, and if you desaturate by 10%, it is **37.1660, 28.5122, 1.6084**.

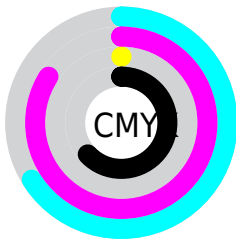
Distribution



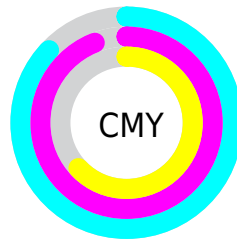
- Red (13%)
- Green (6%)
- Blue (37%)



- Red (13%)
- Yellow (6%)
- Blue (37%)



- Cyan (66%)
- Magenta (84%)
- Yellow (0%)
- Black (63%)



- Cyan (87%)
- Magenta (94%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.2030, 32.4379, 2.4530 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 29.2030, 32.4379, 2.4530 by changing the saturation by 10% instead.

■ 29.2030, 32.4379,
2.4530

■ 29.2030, 32.4379,
2.4530

■ 248.5430, 3.1833,
5.6628

■ 8.9910, 30.5704,
-5.2541

■ 77.5780, 33.7320,
7.3861

■ 7.7060, 19.3719,
-6.7582

■ 102.8170, 34.6002,
8.9305

■ 3.5510, 11.0674,
-3.1142

■ 128.1700, 35.9052,
10.3749


■ 0.0000, 0.0000,
0.0000


■ 154.6970, 36.6314,
10.7897


■ 181.2950, 36.3366,
12.0193


■ 205.8150, 24.2482,


15.9482


 230.9220, 11.8705,
19.3624


 29.2030, 32.4379,
2.4530


 29.2030, 32.4379,
2.4530


 21.8270, 36.0743,
2.7827


 37.1660, 28.5122,
1.6084

 16.8100, 38.5477,
2.7976

 44.8410, 24.7284,
1.8934

 52.8040, 20.8026,
1.0489

 60.4790, 17.0189,
1.3339

 68.4420, 13.0931,
0.4894

■ 76.1170, 9.3093,
0.7744

■ 84.0800, 5.3836,
-0.0702

■ 91.7550, 1.5998,
0.2149

■ 99.7180, -2.3260,
-0.6297

Harmonies

Analogous

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



34.2590, 37.3403, -30.0451



29.2030, 32.4379, 2.4530



31.2160, 16.1625, 42.7836

Triad

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



29.2030, 32.4379, 2.4530



29.1150, -14.3537, 30.5941



32.1490, 3.8705, -28.1947

Complementary

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



29.2030, 32.4379, 2.4530



80.7970, -32.4379, -2.4530

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.



27.0020, -13.3120, -23.6808



29.2030, 32.4379, 2.4530



30.1240, -14.8511, 3.3993

Square

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



29.2030, 32.4379, 2.4530



25.4150, -12.5296, 52.2560



24.0670, -11.8650, -21.1068



36.3670, 20.0321, -31.8939

Rectangle

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



29.2030, 32.4379, 2.4530



31.6550, 3.6211, 52.0456



24.0670, -11.8650, -21.1068



30.5530, -2.2446, -26.7950

Sweetspot

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



29.2030, 32.4379, 2.4530



97.2140, 12.2195, 0.6893



61.6880, 16.4228, -40.9454



46.2480, 7.2727, 0.6595



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.



29.2030, 32.4379, 2.4530



21.6820, 49.4568, 3.7869



40.8640, 26.6890, 26.4293



44.7550, 1.5998, 0.2149



19.9440, 45.3836, 3.5571



42.6090, 97.3138, 7.3589

Inverse Universe

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



46.1020, 15.7257, 42.8835



47.4220, 23.9490, 65.4049



69.1360, -26.6890, -26.4293



45.5380, 0.7208, 2.1592



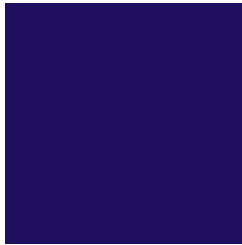
43.5200, 21.9286, 60.0570



93.3060, 47.1771, 128.6506

Previews

White Background



This preview shows how the YUV color 29.2030, 32.4379, 2.4530 looks on a white background.

Color Contrast Check

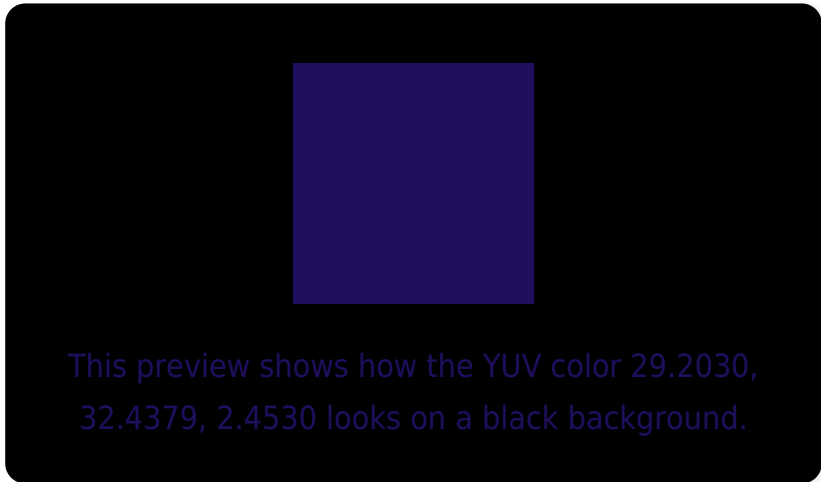
Large Text (above 18pt) WCAG AA ✓ Pass

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

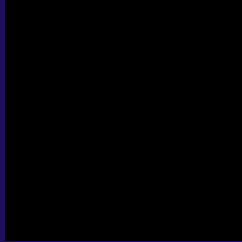
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.2030, 32.4379, 2.4530

Background



This preview shows how black text looks on a background with the YUV color 29.2030, 32.4379, 2.4530.



This preview shows how white text looks on a background with the YUV color 29.2030, 32.4379,

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

29.2030, 32.4379, 2.4530

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167



Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Original Color

29.2030, 32.4379, 2.4530

Protanomaly

27.7420, 24.7772, -13.8057

Deuteranomaly

28.2320, 21.5776, -14.2355

Tritanomaly

28.0380, 15.7573, -14.0653

Monochromacy



Original Color

29.2030, 32.4379, 2.4530

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2030, 32.4379, 2.4530 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, 15, 95)` looks like.

```
.text, #text, p{  
    color:rgb(32, 15, 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(32, 15, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 15, 95) }
```

Border

The CSS property to change the border of an element to YUV 29.2030, 32.4379, 2.4530 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, 15, 95) }
```


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

```
.border{ border-color:rgb(32, 15, 95) }
```

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

Here you see how a box with a 4 pixel rgb(32, 15, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 15, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 15, 95);  
box-shadow:4px 4px 4px 4px rgb(32, 15, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.2030, 32.4379, 2.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 15, 95) }
```

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

```
.background{ background-color: rgb(32, 15,  
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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