

Converting Colors

YUV(20.3490, 4.2649, 32.1429)

Have a look what the booklet for
YUV(20.3490, 4.2649, 32.1429)
contains.

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Color

**YUV(20.3490, 4.2649,
32.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	39001D
RGB	57, 0, 29
RGB Percent	22%, 0%, 11%
CMY	0.7765, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.49, 0.78
HSL	329°, 100%, 11%
HSV	329°, 100%, 22%
XYZ	1.9091, 0.9586, 1.2468
YIQ	20.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

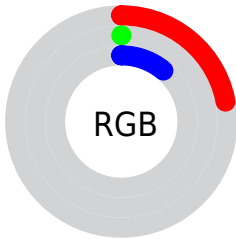
Format	Color
R_{YB}	57, 0, 29
Decimal	3735581
CIE Lab	8.64, 29.70, -2.59
CIE LCh	9, 29.815, 355.009
Yxy	0.9586, 0.4640, 0.2330
Android (android.graphics.Color)	4281925661 (0xFF39001D)
YUV	20.3490, 4.2649, 32.1429
Hunter-Lab	9.7906, 17.6728, -0.6969

Details

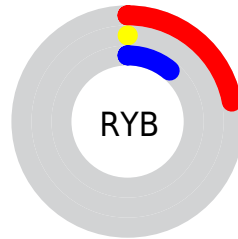
The YUV color **20.3490, 4.2649, 32.1429** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.6510, -4.2649, -32.1429**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3770, 1.7861, 33.8724**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.3490, 4.2649, 32.1429**, and if you desaturate by 10%, it is **24.2130, 3.8390, 28.7542**.

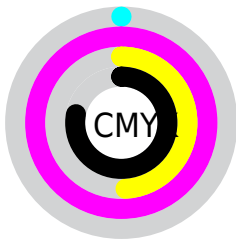
Distribution



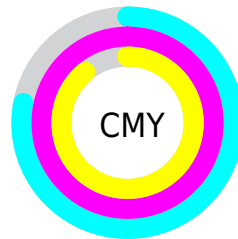
- Red (22%)
- Green (0%)
- Blue (11%)



- Red (22%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3490, 4.2649, 32.1429 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 20.3490, 4.2649, 32.1429 by changing the saturation by 10% instead.

■ 20.3490, 4.2649,
32.1429

■ 20.3490, 4.2649,
32.1429

■ 240.9120, 6.9454,
12.3552

■ 11.2910, -4.5805,
22.5468

■ 68.3770, 1.7861,
33.8724

■ 0.0000, 0.0000,
0.0000

■ 92.6870, 1.6333,
36.2315


■ 118.2850, 1.3385,
37.4611


■ 144.1820, 0.8963,
39.3054


■ 171.4810, 0.7489,
39.9202

■ 199.0790, 0.4541,

41.1497


 220.8110, 3.5442,
29.9838


 20.3490, 4.2649,
32.1429

 24.2130, 3.8390,
28.7542

 27.4900, 3.7024,
25.8803

 31.2400, 2.8397,
22.5915

 35.1040, 2.4137,
19.2028

 38.9680, 1.9878,
15.8141

■ 42.2450, 1.8512,
12.9401

■ 46.1090, 1.4253,
9.5514

■ 49.8590, 0.5625,
6.2627

■ 53.1360, 0.4260,
3.3887

Harmonies

Analogous

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



24.2100, 11.7285, 18.2328



20.3490, 4.2649, 32.1429



18.7440, -8.2548, 34.4275

Triad

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



20.3490, 4.2649, 32.1429



21.5080, -10.6034, -5.7075



25.8690, 15.3476, -22.6871

Complementary

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



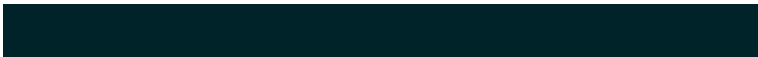
20.3490, 4.2649, 32.1429



36.6510, -4.2649, -32.1429

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.



25.2190, 7.7800, -22.1171



20.3490, 4.2649, 32.1429



19.3710, -9.5499, -16.9884

Square

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



20.3490, 4.2649, 32.1429



23.9660, -11.8152, 9.6768



22.8250, -1.3927, -20.0175



23.8460, 20.2889, -20.9129

Rectangle

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



20.3490, 4.2649, 32.1429



21.1300, -10.4171, 27.9500



22.8250, -1.3927, -20.0175



26.0000, 13.3110, -22.8020

Sweetspot

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



20.3490, 4.2649, 32.1429



59.8320, 1.5618, 12.4253



14.8700, 20.7701, 11.5150



28.9840, 0.9939, 7.9070



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



20.3490, 4.2649, 32.1429



26.4580, 5.6902, 41.6943



17.1570, -7.9654, 34.9423



26.1250, 0.4314, 1.6444



32.8660, 6.9681, 51.8605



78.2490, 16.6392, 123.4386

Inverse Universe

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



20.3490, 4.2649, 32.1429



26.4580, 5.6902, 41.6943



39.8430, 7.9654, -34.9423



26.1250, 0.4314, 1.6444



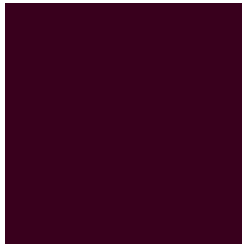
32.8660, 6.9681, 51.8605



78.2490, 16.6392, 123.4386

Previews

White Background



This preview shows how the YUV color 20.3490, 4.2649, 32.1429 looks on a white background.

Color Contrast Check

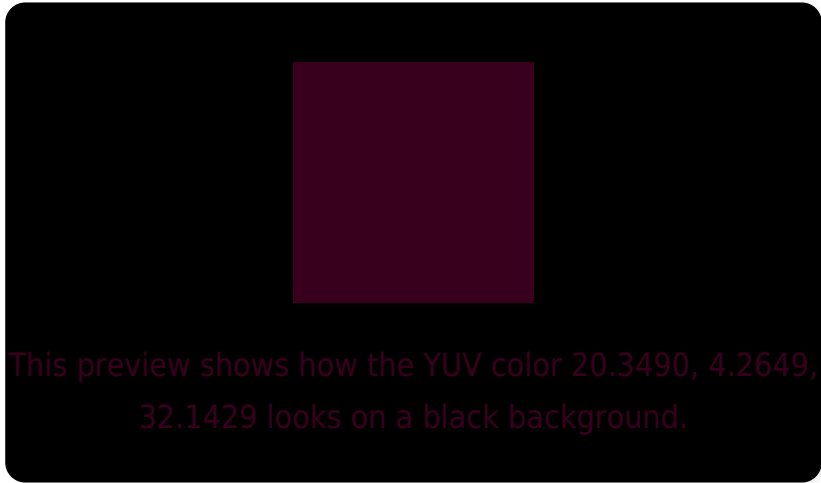
Large Text (above 18pt) WCAG AA ✓ Pass

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

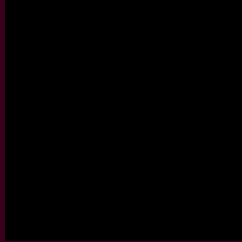
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3490, 4.2649, 32.1429

Background



This preview shows how black text looks on a background with the YUV color 20.3490, 4.2649, 32.1429.



This preview shows how white text looks on a background with the YUV color 20.3490, 4.2649,

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

20.3490, 4.2649, 32.1429

Protanopia

29.5850, 6.1206, -3.1440

Deuteranopia

30.2670, -1.6106, 3.2738



Tritanopia

25.1560, -6.4859, 27.0502

Trichromacy



Original Color

20.3490, 4.2649, 32.1429

Protanomaly

25.8470, 5.4984, 9.7812

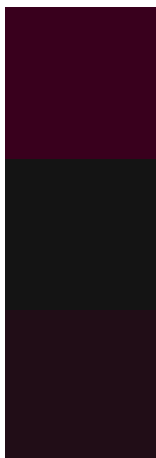
Deuteranomaly

26.3160, 0.8302, 13.7549

Tritanomaly

23.4920, -2.7076, 28.5095

Monochromacy



Original Color

20.3490, 4.2649, 32.1429

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.1200, 1.4198, 11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3490, 4.2649, 32.1429 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(57, 0, 29)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 29)  
}
```

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(57, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 29) }
```

Border

The CSS property to change the border of an element to YUV 20.3490, 4.2649, 32.1429 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(57, 0, 29) }
```


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

```
.border{ border-color:rgb(57, 0, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 0, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 29); box-shadow:4px  
4px 4px 4px rgb(57, 0, 29) }
```

Background

The CSS property to change the background color of an element to YUV 20.3490, 4.2649, 32.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 29) }
```

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

```
.background{ background-color: rgb(57, 0,  
29) }
```

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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