

Converting Colors

YUV(40.2050, 29.4789, 18.2372)

Have a look what the booklet for
YUV(40.2050, 29.4789, 18.2372)
contains.

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Color

**YUV(40.2050, 29.4789,
18.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1264
RGB	61, 18, 100
RGB Percent	24%, 7%, 39%
CMY	0.7608, 0.9294, 0.6078
CMYK	0.39, 0.82, 0.00, 0.61
HSL	271°, 69%, 23%
HSV	271°, 82%, 39%
XYZ	4.4410, 2.3448, 12.2751
YIQ	40.2050, -0.6940, 34.6180

Conversions

Conversions Part 2

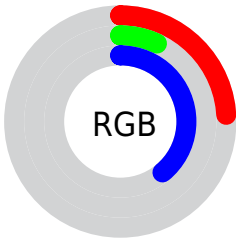
Format	Color
R_{YB}	61, 18, 100
Decimal	4002404
CIE _{Lab}	17.20, 36.98, -39.37
CIE _{LCh}	17, 54.014, 313.203
Yxy	2.3448, 0.2330, 0.1230
Android (android.graphics.Color)	4282192484 (0xFF3D1264)
YUV	40.2050, 29.4789, 18.2372
Hunter-Lab	15.3128, 24.9713, -36.8094

Details

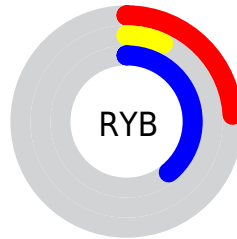
The YUV color **40.2050, 29.4789, 18.2372** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **77.7950, -29.4789, -18.2372**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.8570, 30.6365, 20.2964**, and **9.2170, 21.0920, 1.5637** is the 20% darker color. If you saturate the color by 10%, you get **32.8400, 33.1099, 20.3113**, and if you desaturate by 10%, it is **47.5700, 25.8480, 16.1631**.

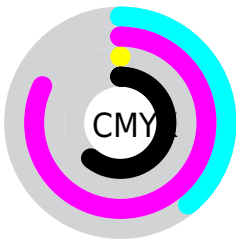
Distribution



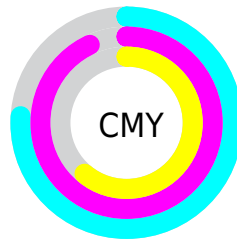
- Red (24%)
- Green (7%)
- Blue (39%)



- Red (24%)
- Yellow (7%)
- Blue (39%)



- Cyan (39%)
- Magenta (82%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (93%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.2050, 29.4789, 18.2372 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 40.2050, 29.4789, 18.2372 by changing the saturation by 10% instead.

40.2050, 29.4789,
18.2372

40.2050, 29.4789,
18.2372

254.4130, 0.2894,
0.5148

19.1290, 28.0374,
13.9189

89.8570, 30.6365,
20.2964

9.2170, 21.0920,
1.5637

115.3840, 31.3627,
20.7112

4.5940, 12.5252,
-4.0289

141.5090, 31.7941,
22.3556

0.0000, 0.0000,
0.0000


168.4490, 32.8096,
23.2852


194.9500, 29.6047,
24.5999


219.4700, 17.5163,


28.5288


 237.3900, 8.6817,
15.4440


 40.2050, 29.4789,
18.2372


 40.2050, 29.4789,
18.2372


 32.8400, 33.1099,
20.3113


 47.5700, 25.8480,
16.1631

 26.9480, 36.0146,
21.9706

 54.9350, 22.2170,
14.0890

 62.0010, 18.7335,
11.4001

 69.3660, 15.1026,
9.3260

 76.7310, 11.4716,
7.2519

■ 84.0960, 7.8407,
5.1778

■ 91.1620, 4.3571,
2.4889

■ 98.5270, 0.7262,
0.4148

■ 105.8920, -2.9048,
-1.6593

Harmonies

Analogous

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



38.9210, 39.9719, -34.1337



40.2050, 29.4789, 18.2372



36.5270, 14.5302, 53.0348

Triad

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



40.2050, 29.4789, 18.2372



40.0130, -19.7264, 27.1756



40.1850, 9.2758, -35.2422

Complementary

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



40.2050, 29.4789, 18.2372



77.7950, -29.4789, -18.2372

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.



34.9240, -8.3435, -30.6283



40.2050, 29.4789, 18.2372



38.3640, -18.9135, -0.3192

Square

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



40.2050, 29.4789, 18.2372



28.4050, -14.0037, 58.4038



31.1110, -15.3377, -27.2843



44.4030, 25.4373, -38.9414

Rectangle

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



40.2050, 29.4789, 18.2372



35.9550, 1.9942, 60.5525



31.1110, -15.3377, -27.2843



38.7030, 3.5974, -33.9425

Sweetspot

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



40.2050, 29.4789, 18.2372



106.7310, 11.4716, 7.2519



50.8280, 24.2418, -28.7902



51.5690, 7.1145, 4.7630



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



40.2050, 29.4789, 18.2372



37.2120, 45.7445, 27.8781



51.7520, 23.2933, 42.3135



47.4670, 1.7418, 1.3444



31.0500, 41.3873, 25.3892



65.5610, 86.9844, 53.8820

Inverse Universe

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



46.9640, 4.9477, 46.5126



47.8130, 7.4872, 72.0780



66.2480, -23.2933, -42.3135



47.7230, 0.1366, 2.8739



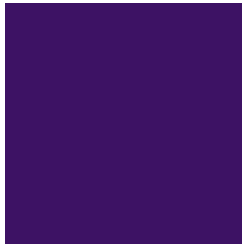
40.6550, 7.0721, 65.2006



85.4680, 14.5593, 137.2786

Previews

White Background



This preview shows how the YUV color 40.2050, 29.4789, 18.2372 looks on a white background.

Color Contrast Check

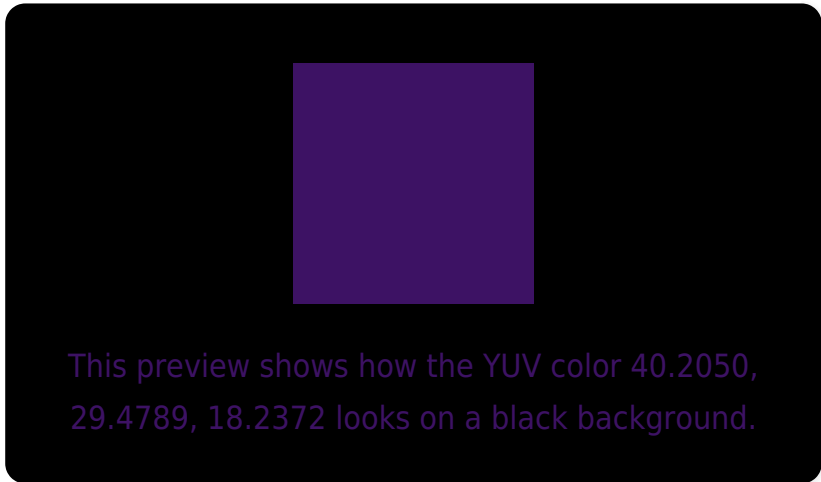
Large Text (above 18pt) WCAG AA ✓ Pass

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

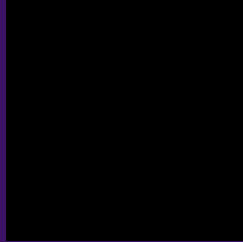
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.2050, 29.4789, 18.2372

Background



This preview shows how black text looks on a background with the YUV color 40.2050, 29.4789, 18.2372.



This preview shows how white text looks on a background with the YUV color 40.2050, 29.4789,

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

40.2050, 29.4789, 18.2372

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

35.1930, 20.6109, -30.8643



Tritanopia

44.4350, 0.2785, 4.0035

Trichromacy



Original Color

40.2050, 29.4789, 18.2372

Protanomaly

36.5510, 27.8294, -12.7612

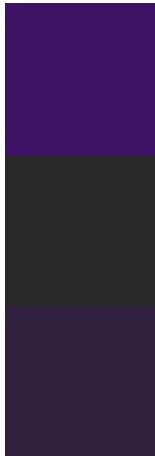
Deuteranomaly

36.8130, 23.7562, -12.9910

Tritanomaly

42.6280, 11.0294, 9.0962

Monochromacy



Original Color

40.2050, 29.4789, 18.2372

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2040, 10.7454, 6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.2050, 29.4789, 18.2372 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(61, 18, 100)` looks like.

```
.text, #text, p{  
  color:rgb(61, 18, 100)  
}
```

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(61, 18, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 18, 100) }
```

Border

The CSS property to change the border of an element to YUV 40.2050, 29.4789, 18.2372 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(61, 18, 100) }
```


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

```
.border{ border-color:rgb(61, 18, 100) }
```

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

Here you see how a box with a 4 pixel rgb(61, 18, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 18, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 18, 100);  
box-shadow:4px 4px 4px 4px rgb(61, 18,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 40.2050, 29.4789, 18.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 18, 100) }
```

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

```
.background{ background-color: rgb(61, 18,  
100) }
```

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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