

Converting Colors

YUV(42.9400, 58.2036, -1.7014)

Have a look what the booklet for
YUV(42.9400, 58.2036, -1.7014)
contains.

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Color

**YUV(42.9400, 58.2036,
-1.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	2915A1
RGB	41, 21, 161
RGB Percent	16%, 8%, 63%
CMY	0.8392, 0.9176, 0.3686
CMYK	0.75, 0.87, 0.00, 0.37
HSL	249°, 77%, 36%
HSV	249°, 87%, 63%
XYZ	7.6156, 3.5810, 34.0080
YIQ	42.9400, -33.0200, 47.7800

Conversions

Conversions Part 2

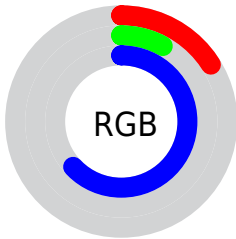
Format	Color
R_{YB}	41, 21, 161
Decimal	2692513
CIE _{Lab}	22.23, 50.75, -69.78
CIE _{LCh}	22, 86.280, 306.030
Yxy	3.5810, 0.1685, 0.0792
Android (android.graphics.Color)	4280882593 (0xFF2915A1)
YUV	42.9400, 58.2036, -1.7014
Hunter-Lab	18.9234, 38.7205, -93.3060

Details

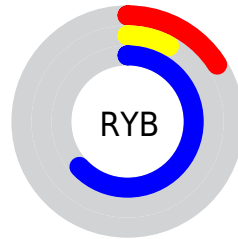
The YUV color **42.9400, 58.2036, -1.7014** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **139.0600, -58.2036, 1.7014**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4080, 58.4659, 7.5352**, and **12.3120, 47.1742, -10.7976** is the 20% darker color. If you saturate the color by 10%, you get **29.3620, 64.8975, -2.0715**, and if you desaturate by 10%, it is **56.5180, 51.5096, -1.3313**.

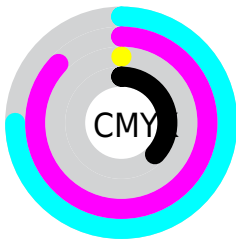
Distribution



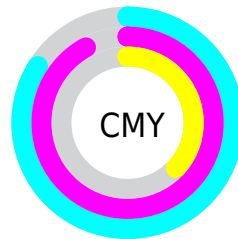
- Red (16%)
- Green (8%)
- Blue (63%)



- Red (16%)
- Yellow (8%)
- Blue (63%)



- Cyan (75%)
- Magenta (87%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (92%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9400, 58.2036, -1.7014 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 42.9400, 58.2036, -1.7014 by changing the saturation by 10% instead.

■ 42.9400, 58.2036,
-1.7014

■ 42.9400, 58.2036,
-1.7014

255.0000, 0.0000,
0.0000

■ 15.2760, 58.5309,
-13.3971

■ 98.4080, 58.4659,
7.5352

■ 12.3120, 47.1742,
-10.7976

■ 125.3590, 59.4760,
10.2092

■ 9.3480, 35.8174,
-8.1982

■ 150.6170, 51.4608,
14.3679

■ 10.1340, 23.5979,
-8.8875

■ 174.8490, 39.5144,
19.4264

■ 5.2780, 15.1459,
-4.6288

■ 199.6680, 27.2787,
23.9702

■ 1.2540, 4.8048,
-1.0998

■ 224.4760, 15.0483,

■ 0.0000, 0.0000,

26.7695

0.0000

■ 241.4990, 6.6560,
11.8404

■ 42.9400, 58.2036,
-1.7014

■ 42.9400, 58.2036,
-1.7014

■ 29.3620, 64.8975,
-2.0715

■ 56.5180, 51.5096,
-1.3313

■ 25.2310, 66.9341,
-1.9566

■ 70.0960, 44.8157,
-0.9612

■ 83.3750, 38.2691,
-1.2059

■ 96.9530, 31.5752,
-0.8358

■ 110.5310, 24.8812,
-0.4657

■ 124.6960, 17.8979,
-0.6104

■ 138.2740, 11.2039,
-0.2403

■ 151.5530, 4.6574,
-0.4850

■ 165.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



57.7120, 63.7390, -50.6134



42.9400, 58.2036, -1.7014



51.6660, 27.2797, 70.4529

Triad

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



42.9400, 58.2036, -1.7014



44.8960, -22.1337, 52.7112



50.2610, 7.2663, -44.0789

Complementary

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



42.9400, 58.2036, -1.7014



139.0600, -58.2036, 1.7014

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.



41.6770, -20.5468, -36.5507



42.9400, 58.2036, -1.7014



49.3170, -24.3133, 4.9840

Square

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



42.9400, 58.2036, -1.7014



41.8600, -20.6370, 86.0688



39.3290, -19.3892, -34.4915



58.8450, 35.0794, -51.6071

Rectangle

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



42.9400, 58.2036, -1.7014



52.5590, 6.1334, 86.3328



39.3290, -19.3892, -34.4915



47.7530, -2.3432, -41.8794

Sweetspot

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



42.9400, 58.2036, -1.7014



163.5480, 22.4078, -0.4806



107.9870, 26.1354, -76.2876



77.2570, 13.6773, -0.2254



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



42.9400, 58.2036, -1.7014



32.7960, 86.8686, -2.4521



63.5710, 48.0325, 40.7182



74.6240, 3.6364, 0.3298



22.8090, 60.2402, -1.5865



2.9490, 7.4201, 0.0447

Inverse Universe

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



76.5400, 31.7788, 74.0714



82.8970, 47.3788, 110.5923



118.4290, -48.0325, -40.7182



76.4890, 1.7309, 4.8331



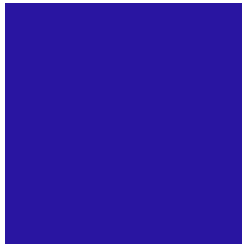
57.6050, 33.2257, 76.6454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 42.9400, 58.2036, -1.7014 looks on a white background.

Color Contrast Check

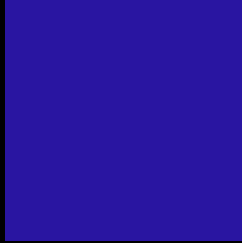
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 42.9400, 58.2036, -1.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

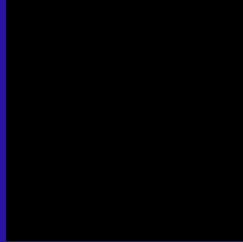
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9400, 58.2036, -1.7014

Background



This preview shows how black text looks on a background with the YUV color 42.9400, 58.2036, -1.7014.



This preview shows how white text looks on a background with the YUV color 42.9400, 58.2036, -1.7014.

-1.7014.

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

42.9400, 58.2036, -1.7014

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

43.4740, 24.4163, -38.1267



Tritanopia

42.4020, 10.1548, -37.1866

Trichromacy



Original Color

42.9400, 58.2036, -1.7014

Protanomaly

43.2580, 42.2708, -24.7823

Deuteranomaly

43.1780, 36.8872, -24.7121

Tritanomaly

42.7730, 27.7199, -24.3569

Monochromacy



Original Color

42.9400, 58.2036, -1.7014

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9070, 21.2448, -0.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9400, 58.2036, -1.7014 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(41, 21, 161)` looks like.

```
.text, #text, p{  
    color:rgb(41, 21, 161)  
}
```

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(41, 21, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 21, 161) }
```

Border

The CSS property to change the border of an element to YUV 42.9400, 58.2036, -1.7014 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(41, 21, 161) }
```


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

```
.border{ border-color:rgb(41, 21, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 21, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 21, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 21, 161);  
box-shadow:4px 4px 4px 4px rgb(41, 21,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 42.9400, 58.2036, -1.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 21, 161) }
```

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

```
.background{ background-color: rgb(41, 21,  
161) }
```

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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