

Converting Colors

YUV(51.4250, 32.3285, -9.1427)

Have a look what the booklet for
YUV(51.4250, 32.3285, -9.1427)
contains.

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Color

**YUV(51.4250, 32.3285,
-9.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	292C75
RGB	41, 44, 117
RGB Percent	16%, 17%, 46%
CMY	0.8392, 0.8275, 0.5412
CMYK	0.65, 0.62, 0.00, 0.54
HSL	238°, 48%, 31%
HSV	238°, 65%, 46%
XYZ	5.0260, 3.5571, 17.2513
YIQ	51.4250, -25.2210, 22.0670

Conversions

Conversions Part 2

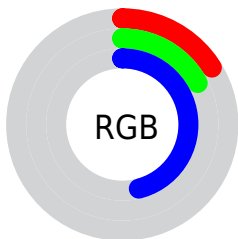
Format	Color
R_{YB}	41, 44, 117
Decimal	2698357
CIE _{Lab}	22.15, 23.23, -42.45
CIE _{LCh}	22, 48.389, 298.694
Yxy	3.5571, 0.1945, 0.1377
Android (android.graphics.Color)	4280888437 (0xFF292C75)
YUV	51.4250, 32.3285, -9.1427
Hunter-Lab	18.8604, 14.5621, -41.0295

Details

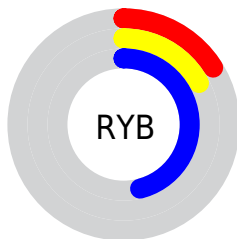
The YUV color **51.4250, 32.3285, -9.1427** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.5750, -32.3285, 9.1427**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6150, 34.2068, -4.9244**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **41.3800, 37.2807, -10.8573**, and if you desaturate by 10%, it is **61.4700, 27.3763, -7.4282**.

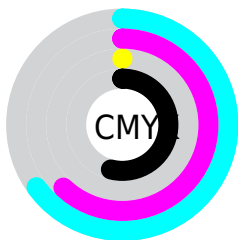
Distribution



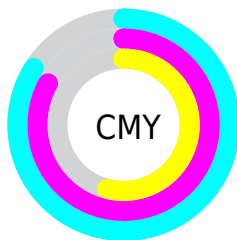
- Red (16%)
- Green (17%)
- Blue (46%)



- Red (16%)
- Yellow (17%)
- Blue (46%)



- Cyan (65%)
- Magenta (62%)
- Yellow (0%)
- Black (54%)



- Cyan (84%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4250, 32.3285, -9.1427 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 51.4250, 32.3285, -9.1427 by changing the saturation by 10% instead.

■ 51.4250, 32.3285,
-9.1427

■ 51.4250, 32.3285,
-9.1427

■ 255.0000, 0.0000,
0.0000

■ 25.4840, 32.7924,
-17.9645

■ 100.6150, 34.2068,
-4.9244

■ 7.7520, 29.7023,
-6.7985

■ 125.8540, 35.0750,
-3.3800

■ 6.8910, 18.7877,
-6.0434

■ 152.7940, 36.0906,
-2.4503

■ 3.2090, 9.7570,
-2.8143

■ 179.4350, 37.2535,
-2.1355

■ 0.0000, 0.0000,
0.0000

■ 203.9550, 25.1652,
1.7935

■ 229.0620, 12.7874,

5.2076

252.0650, 1.4470,
2.5740

51.4250, 32.3285,
-9.1427

51.4250, 32.3285,
-9.1427

41.3800, 37.2807,
-10.8573

61.4700, 27.3763,
-7.4282

31.6340, 42.0854,
-11.9570

71.2160, 22.5715,
-6.3284

21.0020, 47.3270,
-13.1568

81.8480, 17.3299,
-5.1287

16.2730, 49.6584,
-14.2714

91.8930, 12.3778,
-3.4142

101.9380, 7.4256,
-1.6996

■ 111.6840, 2.6208,
-0.5999

■ 122.3160, -2.6208,
0.5999

■ 132.3610, -7.5730,
2.3144

■ 142.1070,
-12.3778, 3.4142

Harmonies

Analogous

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



48.9970, 37.9625, -42.9704



51.4250, 32.3285, -9.1427



49.9210, 20.2519, 37.7803

Triad

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



51.4250, 32.3285, -9.1427



48.9500, -24.1323, 40.3859



45.0290, 2.4507, -39.4904

Complementary

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



51.4250, 32.3285, -9.1427



106.5750, -32.3285, 9.1427

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.



39.2950, -14.4424, -34.4617



51.4250, 32.3285, -9.1427



50.2690, -24.7826, 15.5501

Square

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



51.4250, 32.3285, -9.1427



39.1050, -8.9258, 63.0519



45.3750, -22.3699, -11.7299



49.8340, 18.3228, -43.7044

Rectangle

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



51.4250, 32.3285, -9.1427



40.0440, 13.7823, 59.5974



45.3750, -22.3699, -11.7299



43.6610, -2.7909, -38.2907

Sweetspot

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



51.4250, 32.3285, -9.1427



127.8930, 12.3778, -3.4142



93.8200, 9.4557, -46.3231



61.6390, 7.5730, -2.3144



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



51.4250, 32.3285, -9.1427



49.9140, 50.8214, -13.9566



59.8300, 28.1848, 13.3041



53.6840, 2.6208, -0.5999



16.8430, 51.8424, -14.7713



34.3700, 106.3056, -30.1425

Inverse Universe

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



64.0660, -9.8925, 46.4231



70.0370, -15.7942, 72.7586



98.1700, -28.1848, -13.3041



54.7940, -0.8844, 3.6887



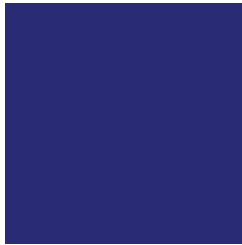
37.0480, -15.7997, 74.5029



75.8900, -32.4838, 152.6945

Previews

White Background



This preview shows how the YUV color 51.4250, 32.3285, -9.1427 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 51.4250, 32.3285, -9.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

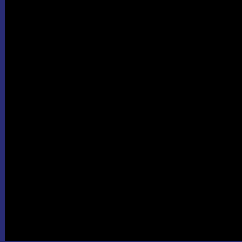
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4250, 32.3285, -9.1427

Background



This preview shows how black text looks on a background with the YUV color 51.4250, 32.3285, -9.1427.



This preview shows how white text looks on a background with the YUV color 51.4250, 32.3285,

-9.1427.

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

51.4250, 32.3285, -9.1427

Protanopia

42.3630, 32.8520, -37.1524

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

41.9290, 10.8810, -36.7717

Trichromacy



Original Color

51.4250, 32.3285, -9.1427

Protanomaly

45.4290, 32.8195, -26.6862

Deuteranomaly

46.0500, 27.5833, -27.2308

Tritanomaly

45.6450, 18.4160, -26.8757

Monochromacy



Original Color

51.4250, 32.3285, -9.1427

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7790, 11.9410, -3.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4250, 32.3285, -9.1427 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, 44, 117)` looks like.

```
.text, #text, p{  
    color:rgb(41, 44, 117)  
}
```

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, 44, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 44, 117) }
```

Border

The CSS property to change the border of an element to YUV 51.4250, 32.3285, -9.1427 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, 44, 117) }
```


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

```
.border{ border-color:rgb(41, 44, 117) }
```

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

Here you see how a box with a 4 pixel rgb(41, 44, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 44, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 44, 117);  
box-shadow:4px 4px 4px 4px rgb(41, 44,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 51.4250, 32.3285, -9.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 44, 117) }
```

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

```
.background{ background-color: rgb(41, 44,  
117) }
```

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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