

Converting Colors

YUV(43.4650, 24.9138,
-10.9318)

Have a look what the booklet for
YUV(43.4650, 24.9138, -10.9318)
contains.

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Color

**YUV(43.4650, 24.9138,
-10.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	1F285E
RGB	31, 40, 94
RGB Percent	12%, 16%, 37%
CMY	0.8784, 0.8431, 0.6314
CMYK	0.67, 0.57, 0.00, 0.63
HSL	231°, 50%, 25%
HSV	231°, 67%, 37%
XYZ	3.3442, 2.6170, 10.9186
YIQ	43.4650, -22.6980, 14.8860

Conversions

Conversions Part 2

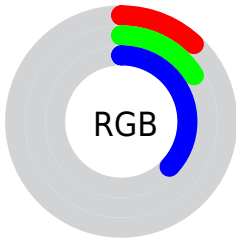
Format	Color
RYB	31, 39, 94
Decimal	2041950
CIELab	18.44, 15.39, -33.54
CIELCh	18, 36.903, 294.654
Yxy	2.6170, 0.1981, 0.1550
Android (android.graphics.Color)	4280232030 (0xFF1F285E)
YUV	43.4650, 24.9138, -10.9318
Hunter-Lab	16.1773, 8.5902, -28.6926

Details

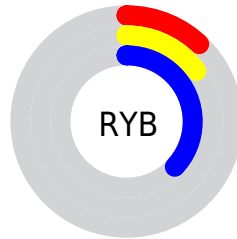
The YUV color **43.4650, 24.9138, -10.9318** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.5350, -24.9138, 10.9318**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.2420, 26.5027, -7.2282**, and **5.3580, 20.5295, -4.6990** is the 20% darker color. If you saturate the color by 10%, you get **36.0780, 28.5555, -12.3464**, and if you desaturate by 10%, it is **50.8520, 21.2720, -9.5172**.

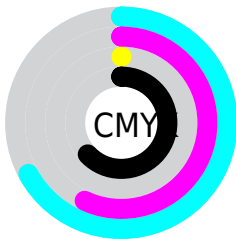
Distribution



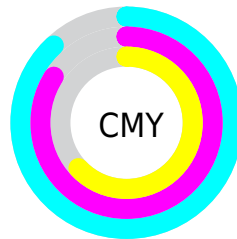
- Red (12%)
- Green (16%)
- Blue (37%)



- Red (12%)
- Yellow (15%)
- Blue (37%)



- Cyan (67%)
- Magenta (57%)
- Yellow (0%)
- Black (63%)



- Cyan (88%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4650, 24.9138, -10.9318 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 43.4650, 24.9138, -10.9318 by changing the saturation by 10% instead.

■ 43.4650, 24.9138,
-10.9318

■ 43.4650, 24.9138,
-10.9318

■ 255.0000, 0.0000,
0.0000

■ 19.7200, 24.7880,
-17.2944

■ 91.2420, 26.5027,
-7.2282

■ 5.3580, 20.5295,
-4.6990

■ 116.1820, 27.5183,
-6.2986

■ 3.5510, 11.0674,
-3.1142

■ 141.7090, 28.2445,
-5.8838

■ 0.0000, 0.0000,
0.0000

■ 168.2360, 28.9707,
-5.4690

■ 195.6490, 29.2600,
-4.9542

■ 220.4570, 17.0297,

-2.1548

246.1510, 4.3626,
0.7446

43.4650, 24.9138,
-10.9318

43.4650, 24.9138,
-10.9318

36.0780, 28.5555,
-12.3464

50.8520, 21.2720,
-9.5172

28.3920, 32.3447,
-14.3758

58.5380, 17.4828,
-7.4878

21.0050, 35.9865,
-15.7904

65.9250, 13.8410,
-6.0732

18.3470, 37.2969,
-16.0903

73.6110, 10.0518,
-4.0438

80.9980, 6.4100,
-2.6292

■ 88.3850, 2.7682,
-1.2146

■ 96.0710, -1.0210,
0.8147

■ 103.4580, -4.6628,
2.2293

■ 111.7310, -8.7414,
3.7439

Harmonies

Analogous

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



40.6360, 28.7735, -35.6378



43.4650, 24.9138, -10.9318



45.4540, 15.0592, 23.2808

Triad

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



43.4650, 24.9138, -10.9318



41.5300, -20.4743, 33.7382



37.3180, 0.8292, -32.7279

Complementary

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



43.4650, 24.9138, -10.9318



81.5350, -24.9138, 10.9318

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.



32.8380, -11.2591, -28.7989



43.4650, 24.9138, -10.9318



42.8930, -21.1462, 15.8798

Square

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



43.4650, 24.9138, -10.9318



39.1520, -6.9769, 44.5937



40.1140, -19.7762, -3.6080



41.0970, 12.7702, -36.0421

Rectangle

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



43.4650, 24.9138, -10.9318



41.6470, 9.0480, 38.0206



40.1140, -19.7762, -3.6080



36.2920, -3.1020, -31.8281

Sweetspot

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



43.4650, 24.9138, -10.9318



102.4970, 9.6150, -3.9439



74.1370, 5.3555, -37.8311



49.7700, 5.5364, -2.4293



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.



43.4650, 24.9138, -10.9318



43.3900, 38.7547, -17.0050



44.7600, 24.2753, 7.2265



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



46.9760, 93.6818, -41.1980

Inverse Universe

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



50.8630, -5.3555, 37.8311



54.8980, -8.3307, 58.8485



80.2400, -24.2753, -7.2265



42.6090, -0.3002, 2.9739



34.7140, -9.2260, 66.0258



74.7390, -20.0843, 142.3029

Previews

White Background



This preview shows how the YUV color 43.4650, 24.9138, -10.9318 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 43.4650, 24.9138, -10.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

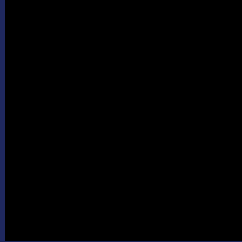
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4650, 24.9138, -10.9318

Background



This preview shows how black text looks on a background with the YUV color 43.4650, 24.9138, -10.9318.



This preview shows how white text looks on a background with the YUV color 43.4650, 24.9138, -10.9318.

-10.9318.

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

43.4650, 24.9138, -10.9318

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.1220, 21.6319, -31.6790

Trichromacy



Original Color

43.4650, 24.9138, -10.9318

Protanomaly

39.1320, 26.5569, -24.6718

Deuteranomaly

38.8070, 22.7731, -24.3867

Monochromacy



Original Color

43.4650, 24.9138, -10.9318

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.3830, 9.1782, -3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4650, 24.9138, -10.9318 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(31, 40, 94)` looks like.

```
.text, #text, p{  
    color:rgb(31, 40, 94)  
}
```

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(31, 40, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 40, 94) }
```

Border

The CSS property to change the border of an element to YUV 43.4650, 24.9138, -10.9318 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(31, 40, 94) }
```

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

```
.border{ border-color:rgb(31, 40, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 40, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 40, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 40, 94);  
box-shadow:4px 4px 4px 4px rgb(31, 40, 94)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.4650, 24.9138, -10.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 40, 94) }
```

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

```
.background{ background-color: rgb(31, 40,  
94) }
```

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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