

Converting Colors

YUV(40.6330, 26.8029,
-10.2021)

Have a look what the booklet for
YUV(40.6330, 26.8029, -10.2021)
contains.

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Color

**YUV(40.6330, 26.8029,
-10.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	1D245F
RGB	29, 36, 95
RGB Percent	11%, 14%, 37%
CMY	0.8863, 0.8588, 0.6275
CMYK	0.69, 0.62, 0.00, 0.63
HSL	234°, 53%, 24%
HSV	234°, 69%, 37%
XYZ	3.2031, 2.3492, 11.1111
YIQ	40.6330, -23.1110, 16.8650

Conversions

Conversions Part 2

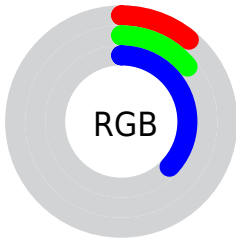
Format	Color
R_{YB}	29, 35, 95
Decimal	1909855
CIE _{Lab}	17.22, 18.30, -36.18
CIE _{LCh}	17, 40.547, 296.835
Yxy	2.3492, 0.1922, 0.1410
Android (android.graphics.Color)	4280099935 (0xFF1D245F)
YUV	40.6330, 26.8029, -10.2021
Hunter-Lab	15.3271, 10.4815, -32.2523

Details

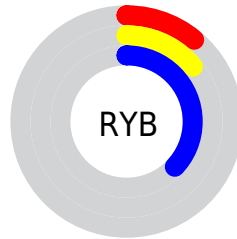
The YUV color **40.6330, 26.8029, -10.2021** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.3670, -26.8029, 10.2021**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1220, 28.5339, -5.3690**, and **5.4720, 20.9663, -4.7989** is the 20% darker color. If you saturate the color by 10%, you get **32.9470, 30.5921, -12.2315**, and if you desaturate by 10%, it is **48.3190, 23.0137, -8.1728**.

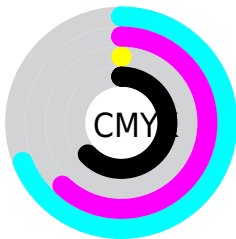
Distribution



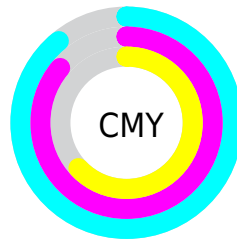
- Red (11%)
- Green (14%)
- Blue (37%)



- Red (11%)
- Yellow (14%)
- Blue (37%)



- Cyan (69%)
- Magenta (62%)
- Yellow (0%)
- Black (63%)



- Cyan (89%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.6330, 26.8029, -10.2021 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 40.6330, 26.8029, -10.2021 by changing the saturation by 10% instead.

■ 40.6330, 26.8029,
-10.2021

■ 40.6330, 26.8029,
-10.2021

■ 255.0000, 0.0000,
0.0000

■ 17.4860, 26.3824,
-15.3352

■ 88.1220, 28.5339,
-5.3690

■ 5.4720, 20.9663,
-4.7989

■ 113.0620, 29.5494,
-4.4394

■ 3.5510, 11.0674,
-3.1142

■ 139.2900, 30.4230,
-4.6393

■ 0.0000, 0.0000,
0.0000

■ 166.1160, 31.0018,
-3.6097

■ 192.4150, 30.8544,
-2.9950

■ 217.5220, 18.4767,

0.4192

■ 242.6290, 6.0989,
3.8334

■ 40.6330, 26.8029,
-10.2021

■ 40.6330, 26.8029,
-10.2021

■ 32.9470, 30.5921,
-12.2315

■ 48.3190, 23.0137,
-8.1728

■ 24.9730, 34.5233,
-13.1313

■ 56.2930, 19.0826,
-7.2730

■ 17.5860, 38.1651,
-14.5459

■ 63.9790, 15.2934,
-5.2436

■ 16.7000, 38.6019,
-14.6459

■ 71.9530, 11.3622,
-4.3438

■ 79.6390, 7.5730,
-2.3144

■ 87.6130, 3.6418,
-1.4146

■ 95.2990, -0.1474,
0.6148

■ 103.2730, -4.0786,
1.5146

■ 110.9590, -7.8678,
3.5440

Harmonies

Analogous

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



39.1030, 30.5152, -34.2933



40.6330, 26.8029, -10.2021



40.9430, 16.7901, 28.1140

Triad

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



40.6330, 26.8029, -10.2021



39.1710, -19.3113, 34.0530



36.0300, 0.9712, -31.5983

Complementary

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



40.6330, 26.8029, -10.2021



83.3670, -26.8029, 10.2021

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.



30.9800, -13.3011, -27.1695



40.6330, 26.8029, -10.2021



40.2240, -19.8304, 13.8356

Square

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



40.6330, 26.8029, -10.2021



32.4840, -7.1406, 50.4415



36.5480, -18.0182, -7.4966



39.4500, 14.0752, -34.5976

Rectangle

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



40.6330, 26.8029, -10.2021



33.8590, 10.9155, 45.7277



36.5480, -18.0182, -7.4966



34.8900, -3.3968, -30.5985

Sweetspot

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



40.6330, 26.8029, -10.2021



101.0240, 10.3412, -3.5290



74.3540, 6.2345, -39.7755



48.8840, 5.9732, -2.5293



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.



40.6330, 26.8029, -10.2021



38.9710, 40.9333, -15.7606



43.9990, 25.1435, 8.7709



44.4560, 1.7472, -0.3999



19.8120, 45.4487, -17.3751



42.0350, 97.5967, -36.8647

Inverse Universe

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



49.5320, -6.6713, 39.8754



52.4530, -10.0833, 60.9927



80.0010, -25.1435, -8.7709



45.1960, -0.5896, 2.4591



34.8560, -11.2680, 67.6553



74.6100, -24.4577, 145.0470

Previews

White Background



This preview shows how the YUV color 40.6330, 26.8029, -10.2021 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 40.6330, 26.8029, -10.2021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

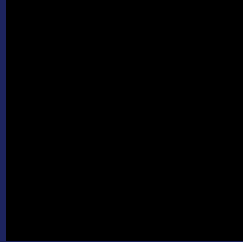
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.6330, 26.8029, -10.2021

Background



This preview shows how black text looks on a background with the YUV color 40.6330, 26.8029, -10.2021.



This preview shows how white text looks on a background with the YUV color 40.6330, 26.8029,

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

40.6330, 26.8029, -10.2021

Protanopia

33.9850, 26.1364, -29.8048

Deuteranopia

34.3780, 20.0266, -30.1495



Tritanopia

33.4030, 8.6753, -29.2944

Trichromacy



Original Color

40.6330, 26.8029, -10.2021

Protanomaly

36.4420, 26.4041, -22.3126

Deuteranomaly

36.7040, 22.3309, -22.5424

Tritanomaly

36.1680, 15.2002, -22.0723

Monochromacy



Original Color

40.6330, 26.8029, -10.2021

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9100, 9.9044, -3.4291

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6330, 26.8029, -10.2021 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(29, 36, 95)` looks like.

```
.text, #text, p{  
    color:rgb(29, 36, 95)  
}
```

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(29, 36, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 36, 95) }
```

Border

The CSS property to change the border of an element to YUV 40.6330, 26.8029, -10.2021 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(29, 36, 95) }
```


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

```
.border{ border-color:rgb(29, 36, 95) }
```

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

Here you see how a box with a 4 pixel rgb(29, 36, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 36, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 36, 95);  
box-shadow:4px 4px 4px 4px rgb(29, 36, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.6330, 26.8029, -10.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 36, 95) }
```

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

```
.background{ background-color: rgb(29, 36,  
95) }
```

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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