

Converting Colors

YUV(40.9960, 12.8200, -5.2585)

Have a look what the booklet for
YUV(40.9960, 12.8200, -5.2585)
contains.

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Color

**YUV(40.9960, 12.8200,
-5.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	232743
RGB	35, 39, 67
RGB Percent	14%, 15%, 26%
CMY	0.8627, 0.8471, 0.7373
CMYK	0.48, 0.42, 0.00, 0.74
HSL	232°, 31%, 20%
HSV	232°, 48%, 26%
XYZ	2.4318, 2.2136, 5.6093
YIQ	40.9960, -11.3720, 7.8600

Conversions

Conversions Part 2

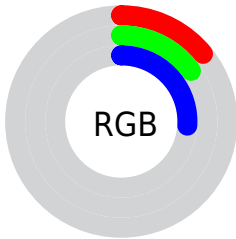
Format	Color
RYB	35, 39, 67
Decimal	2303811
CIELab	16.57, 6.94, -18.26
CIElCh	17, 19.537, 290.814
Yxy	2.2136, 0.2371, 0.2159
Android (android.graphics.Color)	4280493891 (0xFF232743)
YUV	40.9960, 12.8200, -5.2585
Hunter-Lab	14.8782, 3.1381, -11.9384

Details

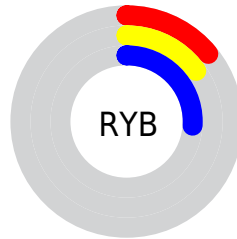
The YUV color **40.9960, 12.8200, -5.2585** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61.0040, -12.8200, 5.2585**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.6370, 13.9830, -4.9436**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **35.3810, 15.5882, -6.4731**, and if you desaturate by 10%, it is **46.6110, 10.0518, -4.0438**.

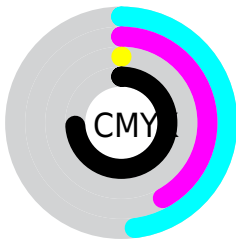
Distribution



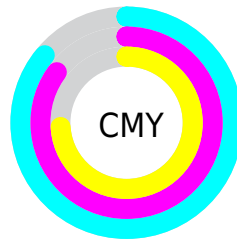
- Red (14%)
- Green (15%)
- Blue (26%)



- Red (14%)
- Yellow (15%)
- Blue (26%)



- Cyan (48%)
- Magenta (42%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9960, 12.8200, -5.2585 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 40.9960, 12.8200, -5.2585 by changing the saturation by 10% instead.

■ 40.9960, 12.8200,
-5.2585

■ 40.9960, 12.8200,
-5.2585

■ 255.0000, 0.0000,
0.0000

■ 20.1700, 12.2412,
-6.2881

■ 86.6370, 13.9830,
-4.9436

■ 3.3230, 10.1938,
-2.9143

■ 111.1640, 14.7091,
-4.5288

■ 0.0000, 0.0000,
0.0000

■ 136.5770, 14.9985,
-4.0140

■ 162.8050, 15.8721,
-4.2140

■ 189.8050, 15.8721,
-4.2140

■ 217.9190, 16.3089,

-4.3140

■ 243.1830, 5.8258,
-1.9145

■ 40.9960, 12.8200,
-5.2585

■ 40.9960, 12.8200,
-5.2585

■ 35.3810, 15.5882,
-6.4731

■ 46.6110, 10.0518,
-4.0438

■ 30.0650, 18.2090,
-7.0730

■ 51.9270, 7.4310,
-3.4440

■ 24.4500, 20.9772,
-8.2876

■ 57.5420, 4.6628,
-2.2293

■ 19.4220, 23.4560,
-10.0171

■ 62.5700, 2.1840,
-0.4999

■ 14.1060, 26.0767,
-10.6170

■ 68.1850, -0.5842,
0.7148

■ 12.3340, 26.9503,
-10.8169

■ 73.5010, -3.2050,
1.3146

■ 79.1160, -5.9732,
2.5293

■ 84.7310, -8.7414,
3.7439

■ 90.0470, -11.3622,
4.3438

Harmonies

Analogous

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



34.1780, 16.6742, -28.2201



40.9960, 12.8200, -5.2585



42.8300, 7.9718, 9.7961

Triad

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



40.9960, 12.8200, -5.2585



41.0750, -10.3900, 19.2282



32.2800, 1.8340, -28.3096

Complementary

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



40.9960, 12.8200, -5.2585



61.0040, -12.8200, 5.2585

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.



36.5010, -6.6560, -11.8404



40.9960, 12.8200, -5.2585



40.1080, -13.8572, 11.3063

Square

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



40.9960, 12.8200, -5.2585



41.2910, -4.5805, 22.5468



38.6830, -12.6617, 1.1550



33.8760, 7.9491, -29.7093

Rectangle

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



40.9960, 12.8200, -5.2585



42.4350, 3.7295, 17.1585



38.6830, -12.6617, 1.1550



33.5150, -1.2399, -22.3767

Sweetspot

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



40.9960, 12.8200, -5.2585



76.9550, 4.9522, -1.7145



56.9760, 2.9698, -19.2730



37.3850, 2.7682, -1.2146



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



40.9960, 12.8200, -5.2585



46.2220, 20.1036, -8.0877



42.2360, 12.2087, 4.1780



30.3420, 1.3104, -0.2999



18.1020, 38.8967, -15.8755



41.9720, 89.7398, -36.8094

Inverse Universe

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



45.0240, -2.9698, 19.2730



52.6340, -4.7496, 30.1390



59.7640, -12.2087, -4.1780



30.8970, -0.4422, 1.8443



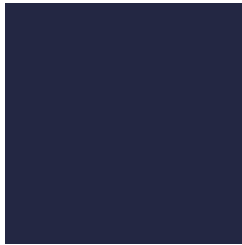
30.3710, -9.0569, 58.4336



70.1680, -20.7888, 134.9107

Previews

White Background



This preview shows how the YUV color 40.9960, 12.8200, -5.2585 looks on a white background.

Color Contrast Check

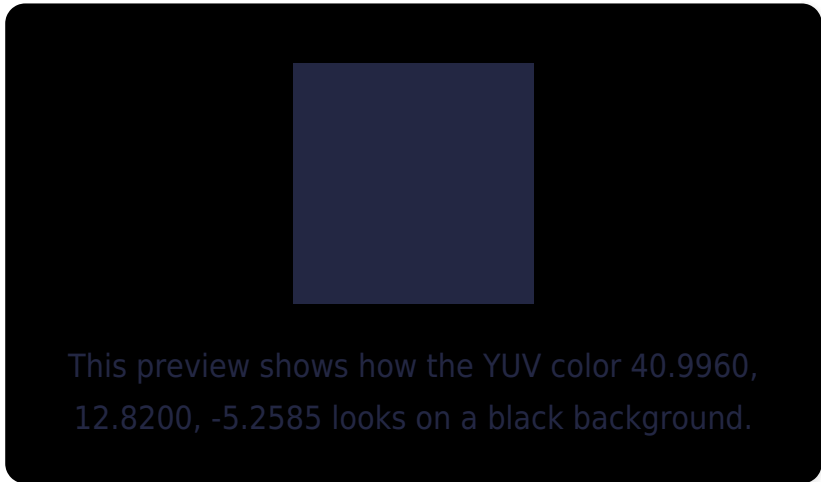
Large Text (above 18pt) WCAG AA ✓ Pass

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

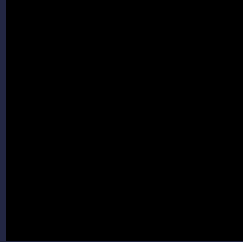
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.9960, 12.8200, -5.2585

Background



This preview shows how black text looks on a background with the YUV color 40.9960, 12.8200, -5.2585.



This preview shows how white text looks on a background with the YUV color 40.9960, 12.8200,

-5.2585.

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

40.9960, 12.8200, -5.2585

Protanopia

40.2020, 13.7044, -8.9472

Deuteranopia

39.4790, 13.5679, -11.8211



Tritanopia

39.2700, 3.8109, -9.0068

Trichromacy



Original Color

40.9960, 12.8200, -5.2585

Protanomaly

40.8000, 13.4096, -7.7176

Deuteranomaly

39.7890, 13.4150, -9.4620

Tritanomaly

40.0790, 6.8631, -7.9623

Monochromacy



Original Color

40.9960, 12.8200, -5.2585

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9960, 12.8200, -5.2585 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(35, 39, 67)` looks like.

```
.text, #text, p{  
    color:rgb(35, 39, 67)  
}
```

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(35, 39, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 39, 67) }
```

Border

The CSS property to change the border of an element to YUV 40.9960, 12.8200, -5.2585 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(35, 39, 67) }
```


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

```
.border{ border-color:rgb(35, 39, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 39, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 39, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 39, 67);  
box-shadow:4px 4px 4px 4px rgb(35, 39, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.9960, 12.8200, -5.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 39, 67) }
```

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

```
.background{ background-color: rgb(35, 39,  
67) }
```

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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