

Converting Colors

YUV(33.9740, 12.8308, -8.7472)

Have a look what the booklet for
YUV(33.9740, 12.8308, -8.7472)
contains.

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Color

**YUV(33.9740, 12.8308,
-8.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	18223C
RGB	24, 34, 60
RGB Percent	9%, 13%, 24%
CMY	0.9059, 0.8667, 0.7647
CMYK	0.60, 0.43, 0.00, 0.76
HSL	223°, 43%, 16%
HSV	223°, 60%, 24%
XYZ	1.7643, 1.6645, 4.5033
YIQ	33.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

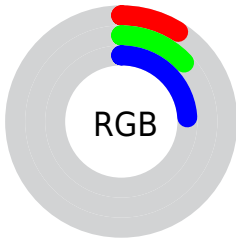
Format	Color
R_{YB}	24, 32, 60
Decimal	1581628
CIE Lab	13.62, 4.73, -18.10
CIE LCh	14, 18.707, 284.633
Yxy	1.6645, 0.2224, 0.2098
Android (android.graphics.Color)	4279771708 (0xFF18223C)
YUV	33.9740, 12.8308, -8.7472
Hunter-Lab	12.9015, 1.8329, -11.6640

Details

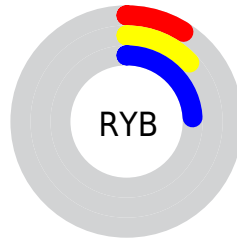
The YUV color **33.9740, 12.8308, -8.7472** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **50.0260, -12.8308, 8.7472**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0280, 14.2832, -7.9176**, and **2.4110, 6.6994, -2.1144** is the 20% darker color. If you saturate the color by 10%, you get **29.8320, 14.8728, -10.3767**, and if you desaturate by 10%, it is **38.1160, 10.7888, -7.1177**.

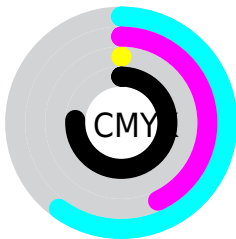
Distribution



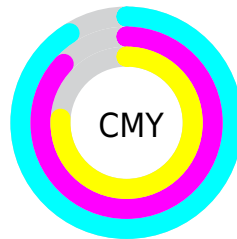
- Red (9%)
- Green (13%)
- Blue (24%)



- Red (9%)
- Yellow (13%)
- Blue (24%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9740, 12.8308, -8.7472 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 33.9740, 12.8308, -8.7472 by changing the saturation by 10% instead.

■ 33.9740, 12.8308,
-8.7472

■ 33.9740, 12.8308,
-8.7472

■ 255.0000, 0.0000,
0.0000

■ 11.0880, 13.2676,
-8.8472

■ 79.0280, 14.2832,
-7.9176

■ 2.4110, 6.6994,
-2.1144

■ 103.1420, 14.7200,
-8.0175

■ 0.0000, 0.0000,
0.0000

■ 128.5550, 15.0094,
-7.5027

■ 154.6690, 15.4462,
-7.6027

■ 180.8970, 16.3198,
-7.8027

■ 208.8970, 16.3198,

-7.8027

■ 235.1870, 9.7678,
-6.3030

■ 33.9740, 12.8308,
-8.7472

■ 33.9740, 12.8308,
-8.7472

■ 29.8320, 14.8728,
-10.3767

■ 38.1160, 10.7888,
-7.1177

■ 25.1030, 17.2042,
-11.4913

■ 42.8450, 8.4574,
-6.0031

■ 20.9610, 19.2462,
-13.1208

■ 46.9870, 6.4154,
-4.3736

■ 16.8190, 21.2882,
-14.7503

■ 51.1290, 4.3734,
-2.7441

■ 55.8580, 2.0420,
-1.6295

■ 60.0000, 0.0000,
0.0000

■ 64.1420, -2.0420,
1.6295

■ 68.8710, -4.3734,
2.7441

■ 73.0130, -6.4154,
4.3736

Harmonies

Analogous

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



29.1460, 15.2110, -25.5610



33.9740, 12.8308, -8.7472



36.2210, 8.2720, 6.8222

Triad

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



33.9740, 12.8308, -8.7472



34.5310, -8.6428, 18.8283



27.4440, -0.2189, -23.1914

Complementary

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



33.9740, 12.8308, -8.7472



50.0260, -12.8308, 8.7472

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.



31.1810, -7.9772, -8.0517



33.9740, 12.8308, -8.7472



33.7060, -14.1521, 12.5358

Square

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



33.9740, 12.8308, -8.7472



35.0350, -2.9753, 21.0173



32.7650, -13.6881, 3.7141



28.7410, 6.0437, -25.2059

Rectangle

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



33.9740, 12.8308, -8.7472



36.0540, 4.9034, 13.9846



32.7650, -13.6881, 3.7141



28.4940, -2.7085, -17.9732

Sweetspot

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



33.9740, 12.8308, -8.7472



68.9440, 4.9576, -3.4589



48.0960, 0.9387, -21.1322



34.2000, 3.3524, -1.9294



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



33.9740, 12.8308, -8.7472



37.8900, 20.2672, -13.9355



30.4960, 14.5455, 1.3190



28.3420, 1.3104, -0.2999



25.9780, 33.5348, -22.7827



61.7020, 79.0269, -54.1127

Inverse Universe

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



35.9040, -0.9387, 21.1322



40.8670, -1.4134, 33.4426



53.5040, -14.5455, -1.3190



28.8970, -0.4422, 1.8443



31.0700, -2.4995, 55.1896



73.4460, -5.6429, 130.2819

Previews

White Background



This preview shows how the YUV color 33.9740, 12.8308, -8.7472 looks on a white background.

Color Contrast Check

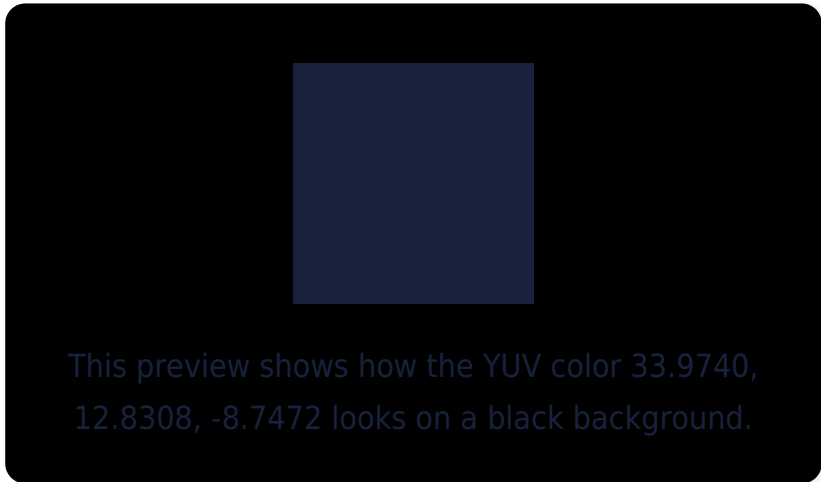
Large Text (above 18pt) WCAG AA ✓ Pass

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

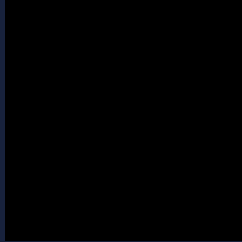
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9740, 12.8308, -8.7472

Background



This preview shows how black text looks on a background with the YUV color 33.9740, 12.8308, -8.7472.



This preview shows how white text looks on a background with the YUV color 33.9740, 12.8308,

-8.7472.

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

33.9740, 12.8308, -8.7472

Protanopia

33.9740, 12.8308, -8.7472

Deuteranopia

32.4680, 13.5733, -13.5654



Tritanopia

31.7640, 4.5533, -13.8250

Trichromacy



Original Color

33.9740, 12.8308, -8.7472

Protanomaly

33.9740, 12.8308, -8.7472

Deuteranomaly

33.3650, 13.1311, -11.7211

Tritanomaly

32.8720, 7.4581, -12.1657

Monochromacy



Original Color

33.9740, 12.8308, -8.7472

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9740, 12.8308, -8.7472 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(24, 34, 60)` looks like.

```
.text, #text, p{  
    color:rgb(24, 34, 60)  
}
```

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(24, 34, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 34, 60) }
```

Border

The CSS property to change the border of an element to YUV 33.9740, 12.8308, -8.7472 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(24, 34, 60) }
```


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

```
.border{ border-color:rgb(24, 34, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 34, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 34, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 34, 60);  
box-shadow:4px 4px 4px 4px rgb(24, 34, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9740, 12.8308, -8.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 34, 60) }
```

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

```
.background{ background-color: rgb(24, 34,  
60) }
```

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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