

Converting Colors

YUV(33.2740, 24.5149,
-23.0423)

Have a look what the booklet for
YUV(33.2740, 24.5149, -23.0423)
contains.

YUV(33.2740, 24.5149, -23.0423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(33.2740, 24.5149,
-23.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	072553
RGB	7, 37, 83
RGB Percent	3%, 15%, 33%
CMY	0.9725, 0.8549, 0.6745
CMYK	0.92, 0.55, 0.00, 0.67
HSL	216°, 84%, 18%
HSV	216°, 92%, 33%
XYZ	2.3105, 1.9928, 8.4465
YIQ	33.2740, -32.6460, 7.9460

Conversions

Conversions Part 2

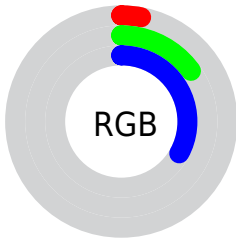
Format	Color
R_{YB}	7, 29, 83
Decimal	468307
CIE _{Lab}	15.45, 9.28, -31.07
CIE _{LCh}	15, 32.431, 286.633
Yxy	1.9928, 0.1812, 0.1563
Android (android.graphics.Color)	4278658387 (0xFF072553)
YUV	33.2740, 24.5149, -23.0423
Hunter-Lab	14.1168, 4.5110, -25.5932

Details

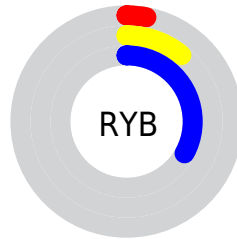
The YUV color **33.2740, 24.5149, -23.0423** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **56.7260, -24.5149, 23.0423**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1440, 25.0720, -15.0353**, and **5.3920, 15.5827, -4.7288** is the 20% darker color. If you saturate the color by 10%, you get **28.8330, 26.7043, -25.2865**, and if you desaturate by 10%, it is **38.6010, 21.8887, -20.6981**.

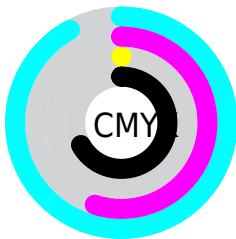
Distribution



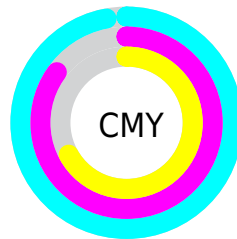
- Red (3%)
- Green (15%)
- Blue (33%)



- Red (3%)
- Yellow (11%)
- Blue (33%)



- Cyan (92%)
- Magenta (55%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2740, 24.5149, -23.0423 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 33.2740, 24.5149, -23.0423 by changing the saturation by 10% instead.

■ 33.2740, 24.5149,
-23.0423

■ 33.2740, 24.5149,
-23.0423

■ 255.0000, 0.0000,
0.0000

■ 16.2320, 21.5776,
-14.2355

■ 82.1440, 25.0720,
-15.0353

■ 5.3920, 15.5827,
-4.7288

■ 106.9700, 25.6508,
-14.0057

■ 2.1830, 5.8258,
-1.9145

■ 132.4970, 26.3770,
-13.5909

■ 0.0000, 0.0000,
0.0000

■ 159.0240, 27.1032,
-13.1760

■ 186.2520, 27.9768,
-13.3760

■ 212.4280, 20.9880,

-11.7764

■ 237.5350, 8.6102,
-8.3622

■ 33.2740, 24.5149,
-23.0423

■ 33.2740, 24.5149,
-23.0423

■ 28.8330, 26.7043,
-25.2865

■ 38.6010, 21.8887,
-20.6981

■ 44.2270, 19.1151,
-17.7391

■ 49.5540, 16.4889,
-15.3949

■ 54.8810, 13.8627,
-13.0506

■ 60.2080, 11.2365,
-10.7064

■ 65.8340, 8.4628,
-7.7474

■ 71.1610, 5.8366,
-5.4032

■ 76.4880, 3.2104,
-3.0590

■ 82.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



35.4040, 23.9578, -31.0493



33.2740, 24.5149, -23.0423



39.6870, 14.9443, 13.4295

Triad

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



33.2740, 24.5149, -23.0423



35.0290, -17.2693, 32.4236



31.2540, -2.0972, -27.4098

Complementary

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



33.2740, 24.5149, -23.0423



56.7260, -24.5149, 23.0423

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.



29.3940, -14.4912, -18.7625



33.2740, 24.5149, -23.0423



37.0010, -18.2415, 17.5391

Square

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



33.2740, 24.5149, -23.0423



33.7430, -3.3243, 39.6904



35.4290, -17.4665, 2.2548



34.5770, 8.0965, -30.3240

Rectangle

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



33.2740, 24.5149, -23.0423



37.1080, 9.8068, 27.9693



35.4290, -17.4665, 2.2548



30.3420, -5.5916, -26.6099

Sweetspot

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



33.2740, 24.5149, -23.0423



88.3500, 9.1945, -9.0769



56.8560, -1.9010, -43.7237



42.1610, 5.8366, -5.4032



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



33.2740, 24.5149, -23.0423



36.8520, 34.5830, -32.3192



18.0560, 32.0174, -2.6801



38.0430, 1.4578, -0.9147



36.0370, 33.9988, -31.6044



80.4520, 74.7132, -70.5564

Inverse Universe

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



33.1440, 1.9010, 43.7237



36.7810, 2.5730, 61.5821



71.9440, -32.0174, 2.6801



38.3100, -0.1528, 2.3591



36.0690, 2.4310, 60.4525



79.8560, 5.9870, 133.4303

Previews

White Background



This preview shows how the YUV color 33.2740, 24.5149, -23.0423 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 33.2740, 24.5149, -23.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

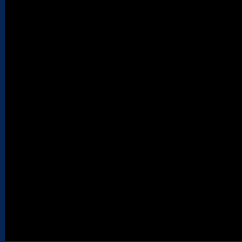
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.2740, 24.5149, -23.0423

Background



This preview shows how black text looks on a background with the YUV color 33.2740, 24.5149, -23.0423.



This preview shows how white text looks on a background with the YUV color 33.2740, 24.5149,

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

33.2740, 24.5149, -23.0423

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.3460, 18.5634, -27.4904



Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color

33.2740, 24.5149, -23.0423

Protanomaly

32.4370, 23.9416, -25.8162

Deuteranomaly

32.2260, 20.5946, -25.6312

Tritanomaly

31.6900, 13.4638, -25.1611

Monochromacy



Original Color

33.2740, 24.5149, -23.0423

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2740, 24.5149, -23.0423 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(7, 37, 83)` looks like.

```
.text, #text, p{  
    color:rgb(7, 37, 83)  
}
```

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(7, 37, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 37, 83) }
```

Border

The CSS property to change the border of an element to YUV 33.2740, 24.5149, -23.0423 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(7, 37, 83) }
```


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

```
.border{ border-color:rgb(7, 37, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 37, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 37, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 37, 83); box-shadow:4px  
4px 4px 4px rgb(7, 37, 83) }
```

Background

The CSS property to change the background color of an element to YUV 33.2740, 24.5149, -23.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 37, 83) }
```

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

```
.background{ background-color: rgb(7, 37,  
83) }
```

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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