

Converting Colors

YUV(67.3390, 5.7489, -23.9763)

Have a look what the booklet for
YUV(67.3390, 5.7489, -23.9763)
contains.

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Color

**YUV(67.3390, 5.7489,
-23.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	284F4F
RGB	40, 79, 79
RGB Percent	16%, 31%, 31%
CMY	0.8431, 0.6902, 0.6902
CMYK	0.49, 0.00, 0.00, 0.69
HSL	180°, 33%, 23%
HSV	180°, 49%, 31%
XYZ	5.0823, 6.6076, 8.4047
YIQ	67.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

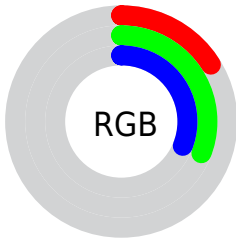
Format	Color
R_{YB}	40, 60, 79
Decimal	2641743
CIE Lab	30.90, -13.77, -4.30
CIE LCh	31, 14.425, 197.345
Yxy	6.6076, 0.2529, 0.3288
Android (android.graphics.Color)	4280831823 (0xFF284F4F)
YUV	67.3390, 5.7489, -23.9763
Hunter-Lab	25.7052, -9.6919, -1.3920

Details

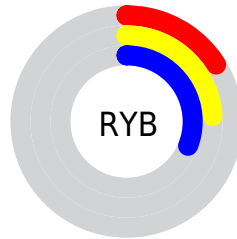
The YUV color **67.3390, 5.7489, -23.9763** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.6610, -5.7489, 23.9763**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3390, 5.7489, -23.9763**, and **23.9480, 5.4486, -21.0024** is the 20% darker color. If you saturate the color by 10%, you get **64.9470, 6.9281, -28.8945**, and if you desaturate by 10%, it is **69.7310, 4.5696, -19.0581**.

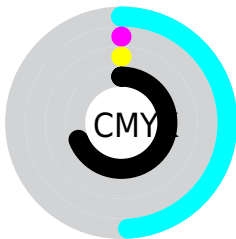
Distribution



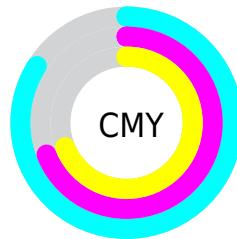
- Red (16%)
- Green (31%)
- Blue (31%)



- Red (16%)
- Yellow (24%)
- Blue (31%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3390, 5.7489, -23.9763 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 67.3390, 5.7489, -23.9763 by changing the saturation by 10% instead.

■ 67.3390, 5.7489,
-23.9763

■ 67.3390, 5.7489,
-23.9763

■ 255.0000, 0.0000,
0.0000

■ 43.7410, 6.0437,
-25.2059

■ 116.3390, 5.7489,
-23.9763

■ 23.9480, 5.4486,
-21.0024

■ 142.0400, 5.8963,
-24.5911

■ 5.5910, 3.6526,
-4.9033

■ 168.7410, 6.0437,
-25.2059

■ 0.0000, 0.0000,
0.0000

■ 196.3280, 5.7543,
-25.7207

■ 224.1430, 6.3385,
-26.4354

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 67.3390, 5.7489,
-23.9763

■ 67.3390, 5.7489,
-23.9763

■ 64.9470, 6.9281,
-28.8945

■ 69.7310, 4.5696,
-19.0581

■ 62.5550, 8.1074,
-33.8127

■ 72.1230, 3.3904,
-14.1399

■ 60.1630, 9.2866,
-38.7310

■ 74.5150, 2.2111,
-9.2217

■ 57.7710, 10.4659,
-43.6492

■ 76.9070, 1.0318,
-4.3034

■ 55.6780, 11.4977,
-47.9526

■ 79.2990, -0.1474,
0.6148

■ 55.3790, 11.6452,
-48.5674

■ 81.3920, -1.1793,
4.9182

■ 83.7840, -2.3585,
9.8364

■ 86.1760, -3.5378,
14.7546

■ 88.5680, -4.7170,
19.6729

Harmonies

Analogous

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



68.6620, -0.8194, -17.2436



67.3390, 5.7489, -23.9763



68.1910, 10.2588, -23.8465

Triad

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



67.3390, 5.7489, -23.9763



74.4660, 6.6723, 6.6073



72.3190, -10.5103, 11.1212

Complementary

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



67.3390, 5.7489, -23.9763



51.6610, -5.7489, 23.9763

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.



73.6340, -8.2006, 16.9840



67.3390, 5.7489, -23.9763



74.5550, 1.6984, 15.2993

Square

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



67.3390, 5.7489, -23.9763



73.3120, 10.1992, -4.6586



74.4970, -3.6960, 18.8581



71.3780, -10.0464, 2.2995

Rectangle

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



67.3390, 5.7489, -23.9763



69.2670, 11.7004, -19.5282



74.4970, -3.6960, 18.8581



72.7430, -10.2263, 13.3804

Sweetspot

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



67.3390, 5.7489, -23.9763



97.5150, 2.2111, -9.2217



62.8930, -11.2862, -20.0772



48.3090, 1.3267, -5.5330



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.3390, 5.7489, -23.9763



84.0600, 8.8444, -36.8866



56.1860, 11.2473, -14.1951



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Inverse Universe

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



56.1070, 11.2862, 20.0772



66.7800, 17.3635, 30.8879



63.4010, -11.5367, 13.6803



35.6520, 1.1576, 2.0592



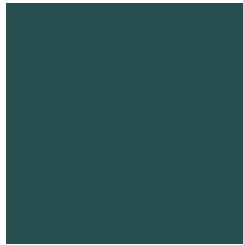
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 67.3390, 5.7489, -23.9763 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 67.3390, 5.7489, -23.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

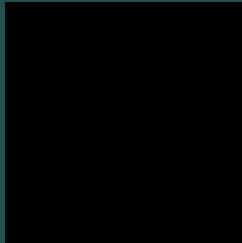
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

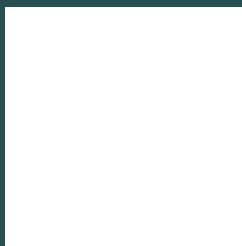
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.3390, 5.7489, -23.9763

Background



This preview shows how black text looks on a background with the YUV color 67.3390, 5.7489, -23.9763.



This preview shows how white text looks on a background with the YUV color 67.3390, 5.7489, -23.9763.

-23.9763.

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

67.3390, 5.7489, -23.9763

Protanopia

72.6410, 1.1630, 0.3148

Deuteranopia

73.6350, 3.6309, 2.0741



Tritanopia

67.9200, 7.9274, -22.7318

Trichromacy



Original Color

67.3390, 5.7489, -23.9763

Protanomaly

70.9280, 2.5005, -8.7069

Deuteranomaly

71.3950, 4.2423, -7.3624

Tritanomaly

67.3930, 7.2013, -23.1467

Monochromacy



Original Color

67.3390, 5.7489, -23.9763

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3390, 5.7489, -23.9763 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(40, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(40, 79, 79)  
}
```

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(40, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 79, 79) }
```

Border

The CSS property to change the border of an element to YUV 67.3390, 5.7489, -23.9763 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(40, 79, 79) }
```


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

```
.border{ border-color:rgb(40, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(40, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(40, 79, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3390, 5.7489, -23.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 79, 79) }
```

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

```
.background{ background-color: rgb(40, 79,  
79) }
```

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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