

Converting Colors

YUV(140.4060, 23.9568,
-77.5321)

Have a look what the booklet for
YUV(140.4060, 23.9568, -77.5321)
contains.

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Color

**YUV(140.4060, 23.9568,
-77.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	34B0BD
RGB	52, 176, 189
RGB Percent	20%, 69%, 74%
CMY	0.7961, 0.3098, 0.2588
CMYK	0.72, 0.07, 0.00, 0.26
HSL	186°, 57%, 47%
HSV	186°, 72%, 74%
XYZ	26.1268, 35.4549, 53.6106
YIQ	140.4060, -78.0770, -22.2450

Conversions

Conversions Part 2

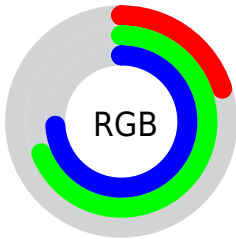
Format	Color
RYB	52, 117, 189
Decimal	3453117
CIELab	66.10, -28.78, -16.37
CIELCh	66, 33.115, 209.635
Yxy	35.4549, 0.2268, 0.3078
Android (android.graphics.Color)	4281643197 (0xFF34B0BD)
YUV	140.4060, 23.9568, -77.5321
Hunter-Lab	59.5440, -25.8794, -11.7011




Details

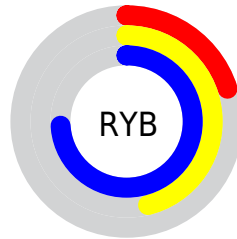
The YUV color **140.4060, 23.9568, -77.5321** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.5940, -23.9568, 77.5321**, and the grayscale version is **140.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **199.6950, 22.3354, -70.7695**, and **87.7050, 23.8094, -76.9173** is the 20% darker color. If you saturate the color by 10%, you get **133.5510, 27.3364, -88.1832**, and if you desaturate by 10%, it is **147.2610, 20.5773, -66.8809**.

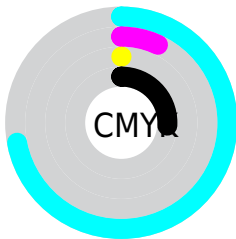
Distribution







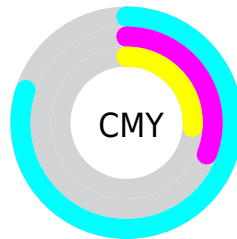
-  Red (20%)
-  Green (69%)
-  Blue (74%)






-  Red (20%)
-  Yellow (46%)
-  Blue (74%)



-  Cyan (72%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (80%)
-  Magenta (31%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4060, 23.9568, -77.5321 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 140.4060, 23.9568, -77.5321 by changing the saturation by 10% instead.

■ 140.4060, 23.9568,
-77.5321

■ 140.4060, 23.9568,
-77.5321

■ 255.0000, 0.0000,
0.0000

■ 105.9310, 27.6420,
-92.9015

■ 199.6950, 22.3354,
-70.7695

■ 87.7050, 23.8094,
-76.9173

■ 223.3060, 15.6251,
-65.1664

■ 70.0660, 19.6875,
-61.4479

■ 232.2760, 11.2029,
-46.7231

■ 52.6550, 16.4391,
-46.1784

■ 241.2460, 6.7807,
-28.2797

■ 36.5320, 13.0487,
-32.0386

■ 250.2160, 2.3585,
-9.8364

■ 22.8710, 8.9376,
-20.0579

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 140.4060, 23.9568,
-77.5321

■ 140.4060, 23.9568,
-77.5321

■ 133.5510, 27.3364,
-88.1832

■ 147.2610, 20.5773,
-66.8809

■ 126.6960, 30.7159,
-98.8344

■ 154.1160, 17.1978,
-56.2297

■ 121.9230, 33.0690,
-106.9265

■ 160.3840, 14.1077,
-45.0638

■ 167.2390, 10.7282,
-34.4126

■ 174.0940, 7.3487,
-23.7614

■ 180.6500, 4.1166,
-13.7250

■ 187.5050, 0.7370,
-3.0739

■ 193.7730, -2.3531,
8.0921

■ 200.6280, -5.7326,
18.7432

Harmonies

Analogous

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



145.3470, 6.7309, -59.0633



140.4060, 23.9568, -77.5321



146.5460, 31.7758, -65.3768

Triad

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



140.4060, 23.9568, -77.5321



164.9170, 12.8589, 29.0138



158.9660, -28.5772, 19.3238

Complementary

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



140.4060, 23.9568, -77.5321



100.5940, -23.9568, 77.5321

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.



160.7110, -25.0005, 38.8415



140.4060, 23.9568, -77.5321



164.0580, -1.0146, 45.5531

Square

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



140.4060, 23.9568, -77.5321



163.0150, 24.1496, 0.8638



162.5240, -14.5553, 48.6525



155.7780, -23.5546, -5.0673

Rectangle

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



140.4060, 23.9568, -77.5321



153.7920, 32.1475, -44.5446



162.5240, -14.5553, 48.6525



159.4230, -28.3095, 26.8160

Sweetspot

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



140.4060, 23.9568, -77.5321



225.9190, 9.4069, -30.6240



133.6730, -34.8418, -71.6272



110.9700, 5.4378, -17.5137



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



140.4060, 23.9568, -77.5321



169.5730, 37.1855, -120.6515



101.0770, 43.3460, -43.0405



90.7220, 1.6161, -5.0182



101.9530, 27.6312, -89.4128



19.9700, 5.4378, -17.5137

Inverse Universe

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



107.0990, 33.9682, 71.8272



117.6890, 52.9043, 111.6517



139.9230, -43.3460, 43.0405



88.6030, 2.1677, 4.7332



63.5440, 39.1718, 82.8379



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 140.4060, 23.9568, -77.5321 looks on a white background.

Color Contrast Check

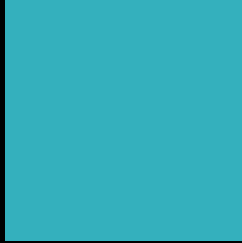
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 140.4060, 23.9568, -77.5321 looks on a black 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

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

YUV 140.4060, 23.9568, -77.5321 Background



This preview shows how black text looks on a background with the YUV color 140.4060, 23.9568, -77.5321.



This preview shows how white text looks on a background with the YUV color 140.4060, 23.9568, -77.5321.

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

140.4060, 23.9568, -77.5321

Protanopia

159.8670, 8.4466, -2.5144

Deuteranopia

160.8160, 15.8667, -2.4696



Tritanopia

140.8190, 24.2462, -77.0173

Trichromacy



Original Color

140.4060, 23.9568, -77.5321

Protanomaly

153.0700, 13.7695, -29.8794

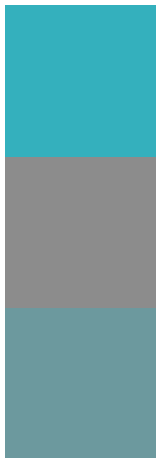
Deuteranomaly

153.1500, 19.1530, -29.9496

Tritanomaly

140.8190, 24.2462, -77.0173

Monochromacy



Original Color

140.4060, 23.9568, -77.5321

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1150, 8.8173, -28.1649

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4060, 23.9568, -77.5321 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(52, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(52, 176, 189)  
}
```

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(52, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 176, 189) }
```

Border

The CSS property to change the border of an element to YUV 140.4060, 23.9568, -77.5321 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(52, 176, 189) }
```


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

```
.border{ border-color:rgb(52, 176, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(52, 176,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 140.4060, 23.9568, -77.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 176, 189) }
```

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

```
.background{ background-color: rgb(52, 176,  
189) }
```

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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