

Converting Colors

YUV(77.3080, 16.1172,
-36.2271)

Have a look what the booklet for
YUV(77.3080, 16.1172, -36.2271)
contains.

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Color

**YUV(77.3080, 16.1172,
-36.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	245C6E
RGB	36, 92, 110
RGB Percent	14%, 36%, 43%
CMY	0.8588, 0.6392, 0.5686
CMYK	0.67, 0.16, 0.00, 0.57
HSL	195°, 51%, 29%
HSV	195°, 67%, 43%
XYZ	7.3692, 9.1551, 16.1306
YIQ	77.3080, -39.1540, -6.2740

Conversions

Conversions Part 2

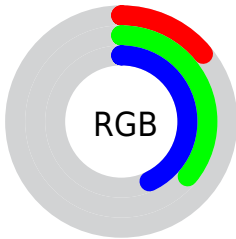
Format	Color
R_{YB}	36, 68, 110
Decimal	2382958
CIE _{Lab}	36.28, -12.15, -15.69
CIE _{LCh}	36, 19.839, 232.249
Yxy	9.1551, 0.2257, 0.2804
Android (android.graphics.Color)	4280573038 (0xFF245C6E)
YUV	77.3080, 16.1172, -36.2271
Hunter-Lab	30.2575, -9.4771, -10.4279

Details

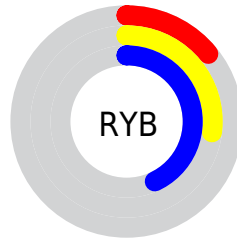
The YUV color **77.3080, 16.1172, -36.2271** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.6920, -16.1172, 36.2271**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7320, 16.4011, -33.9680**, and **34.0700, 13.7695, -29.8794** is the 20% darker color. If you saturate the color by 10%, you get **72.2580, 18.6068, -41.4453**, and if you desaturate by 10%, it is **82.3580, 13.6275, -31.0090**.

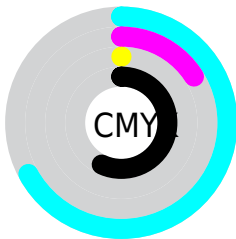
Distribution



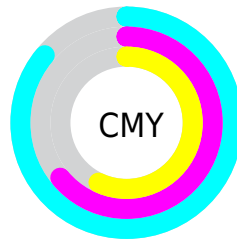
- Red (14%)
- Green (36%)
- Blue (43%)



- Red (14%)
- Yellow (27%)
- Blue (43%)



- Cyan (67%)
- Magenta (16%)
- Yellow (0%)
- Black (57%)



- Cyan (86%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3080, 16.1172, -36.2271 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 77.3080, 16.1172, -36.2271 by changing the saturation by 10% instead.

■ 77.3080, 16.1172,
-36.2271

■ 77.3080, 16.1172,
-36.2271

■ 255.0000, 0.0000,
0.0000

■ 49.7200, 17.8860,
-43.6044

■ 128.7320, 16.4011,
-33.9680

■ 34.0700, 13.7695,
-29.8794

■ 155.4330, 16.5485,
-34.5827

■ 19.8220, 9.9478,
-17.3839

■ 182.4330, 16.5485,
-34.5827

■ 2.8670, 8.4466,
-2.5144

■ 210.5470, 16.9853,
-34.6827

■ 0.0000, 0.0000,
0.0000

■ 237.0820, 8.8336,
-33.3979

■ 246.9270, 3.9800,

-16.5990

■ 77.3080, 16.1172,
-36.2271

■ 77.3080, 16.1172,
-36.2271

■ 72.2580, 18.6068,
-41.4453

■ 82.3580, 13.6275,
-31.0090

■ 67.7950, 20.8071,
-47.1782

■ 86.8210, 11.4272,
-25.2760

■ 62.7450, 23.2967,
-52.3964

■ 91.8710, 8.9376,
-20.0579

■ 61.2610, 24.0283,
-53.7259

■ 96.9210, 6.4479,
-14.8397

■ 101.3840, 4.2477,
-9.1068

■ 106.4340, 1.7580,
-3.8886

■ 111.4840, -0.7316,
1.3295

■ 115.9470, -2.9319,
7.0625

■ 120.9970, -5.4215,
12.2806

Harmonies

Analogous

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



75.8040, 10.4496, -38.4161



77.3080, 16.1172, -36.2271



82.0370, 17.2368, -21.9574

Triad

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



77.3080, 16.1172, -36.2271



87.7840, 1.0925, 22.9914



83.1560, -13.3879, 0.7402

Complementary

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



77.3080, 16.1172, -36.2271



68.6920, -16.1172, 36.2271

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.



84.7770, -15.1731, 13.3506



77.3080, 16.1172, -36.2271



86.8570, -6.3385, 26.4354

Square

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



77.3080, 16.1172, -36.2271



87.6670, 8.5452, 12.5700



86.2280, -12.4374, 22.6020



81.1480, -7.9610, -13.2848

Rectangle

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



77.3080, 16.1172, -36.2271



85.2450, 15.1622, -9.8619



86.2280, -12.4374, 22.6020



83.5480, -14.5672, 5.6584

Sweetspot

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



77.3080, 16.1172, -36.2271



130.2200, 6.3005, -14.2249



81.3760, -13.9894, -39.7948



63.5690, 3.6635, -8.3920



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



77.3080, 16.1172, -36.2271



91.8800, 25.2022, -56.8998



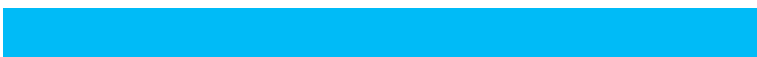
56.1760, 26.5352, -17.6944



53.6190, 1.1738, -3.1739



67.0970, 26.0812, -58.8441



137.9270, 53.7730, -120.9620

Inverse Universe

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



64.5100, 13.5526, 39.8947



71.7160, 21.3390, 62.5161



89.8240, -26.5352, 17.6944



52.3640, 1.2995, 3.1888



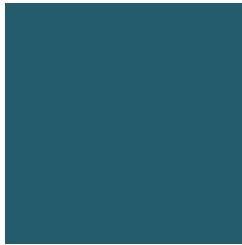
46.2540, 22.0598, 64.6752



95.1710, 45.2717, 133.1540

Previews

White Background



This preview shows how the YUV color 77.3080, 16.1172, -36.2271 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 77.3080, 16.1172, -36.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

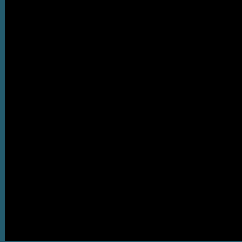
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3080, 16.1172, -36.2271

Background



This preview shows how black text looks on a background with the YUV color 77.3080, 16.1172, -36.2271.



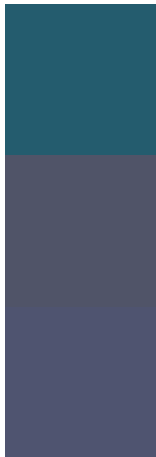
This preview shows how white text looks on a background with the YUV color 77.3080, 16.1172,

-36.2271.

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

77.3080, 16.1172, -36.2271

Protanopia

85.0840, 9.3256, -4.4587

Deuteranopia

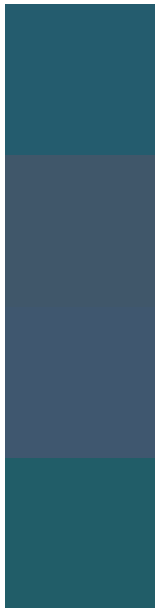
85.6970, 12.9674, -5.8733



Tritanopia

75.9610, 12.3442, -39.4308

Trichromacy



Original Color

77.3080, 16.1172, -36.2271

Protanomaly

82.2890, 11.6895, -16.0395

Deuteranomaly

82.5600, 14.0209, -17.1541

Tritanomaly

76.3140, 13.6492, -37.9864

Monochromacy



Original Color

77.3080, 16.1172, -36.2271

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3080, 16.1172, -36.2271 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(36, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(36, 92, 110)  
}
```

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(36, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 92, 110) }
```

Border

The CSS property to change the border of an element to YUV 77.3080, 16.1172, -36.2271 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(36, 92, 110) }
```


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

```
.border{ border-color:rgb(36, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(36, 92,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 77.3080, 16.1172, -36.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 92, 110) }
```

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

```
.background{ background-color: rgb(36, 92,  
110) }
```

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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