

Converting Colors

YUV(76.1040, 45.7977,
-36.0482)

Have a look what the booklet for
YUV(76.1040, 45.7977, -36.0482)
contains.

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Color

**YUV(76.1040, 45.7977,
-36.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	234FA9
RGB	35, 79, 169
RGB Percent	14%, 31%, 66%
CMY	0.8627, 0.6902, 0.3373
CMYK	0.79, 0.53, 0.00, 0.34
HSL	220°, 66%, 40%
HSV	220°, 79%, 66%
XYZ	10.6506, 8.8139, 38.6760
YIQ	76.1040, -55.1140, 18.6620

Conversions

Conversions Part 2

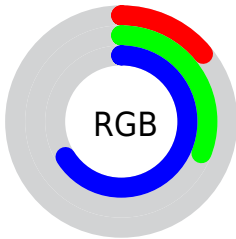
Format	Color
R_{YB}	35, 68, 169
Decimal	2314153
CIE _{Lab}	35.62, 18.54, -52.64
CIE _{LCh}	36, 55.805, 289.403
Yxy	8.8139, 0.1832, 0.1516
Android (android.graphics.Color)	4280504233 (0xFF234FA9)
YUV	76.1040, 45.7977, -36.0482
Hunter-Lab	29.6881, 12.0822, -56.4579

Details

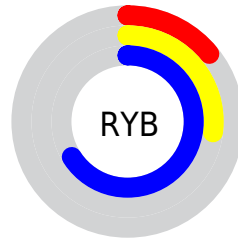
The YUV color **76.1040, 45.7977, -36.0482** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **127.8960, -45.7977, 36.0482**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9850, 46.3494, -26.2968**, and **34.3560, 40.2505, -30.1302** is the 20% darker color. If you saturate the color by 10%, you get **64.5640, 51.4869, -40.8366**, and if you desaturate by 10%, it is **87.6440, 40.1085, -31.2598**.

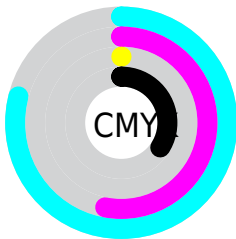
Distribution



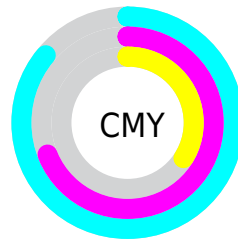
- Red (14%)
- Green (31%)
- Blue (66%)



- Red (14%)
- Yellow (27%)
- Blue (66%)



- Cyan (79%)
- Magenta (53%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1040, 45.7977, -36.0482 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 76.1040, 45.7977, -36.0482 by changing the saturation by 10% instead.

■ 76.1040, 45.7977,
-36.0482

■ 76.1040, 45.7977,
-36.0482

■ 255.0000, 0.0000,
0.0000

■ 49.6470, 45.5300,
-43.5404

■ 130.9850, 46.3494,
-26.2968

■ 34.3560, 40.2505,
-30.1302

■ 157.9360, 47.3596,
-23.6229

■ 20.3530, 34.8290,
-17.8496

■ 182.5700, 35.7080,
-19.7939

■ 11.6330, 26.8029,
-10.2021

■ 207.0900, 23.6196,
-15.8649

■ 6.6630, 17.9141,
-5.8435

■ 233.0830, 10.8051,
-12.3508

■ 3.0950, 9.3202,
-2.7143

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 76.1040, 45.7977,
-36.0482

■ 76.1040, 45.7977,
-36.0482

■ 64.5640, 51.4869,
-40.8366

■ 87.6440, 40.1085,
-31.2598

■ 52.4370, 57.4656,
-45.1102

■ 99.7710, 34.1299,
-26.9862

■ 51.5510, 57.9024,
-45.2102

■ 111.3110, 28.4407,
-22.1977

■ 122.8510, 22.7515,
-17.4093

■ 134.6790, 16.9203,
-13.7505

■ 146.2190, 11.2310,
-8.9621

■ 157.7590, 5.5418,
-4.1736

■ 169.8860, -0.4368,
0.1000

■ 181.4260, -6.1260,
4.8884

Harmonies

Analogous

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



74.7860, 47.9265, -65.5873



76.1040, 45.7977, -36.0482



85.0540, 28.5674, 30.6476

Triad

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



76.1040, 45.7977, -36.0482



77.1220, -31.6121, 59.5290



67.3980, -0.6892, -59.1080

Complementary

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



76.1040, 45.7977, -36.0482



127.8960, -45.7977, 36.0482

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.



59.4640, -20.9348, -52.1499



76.1040, 45.7977, -36.0482



78.9970, -38.9455, 31.5746

Square

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



76.1040, 45.7977, -36.0482



72.8340, -7.8062, 77.3216



75.2550, -37.1007, -0.2236



73.2290, 19.1141, -64.2218

Rectangle

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



76.1040, 45.7977, -36.0482



79.1840, 18.1503, 58.5976



75.2550, -37.1007, -0.2236



64.9870, -7.3886, -56.9936

Sweetspot

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



76.1040, 45.7977, -36.0482



182.9070, 17.7938, -13.9504



123.8040, 0.0966, -77.8811



87.5180, 11.0836, -8.3473



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



76.1040, 45.7977, -36.0482



74.6280, 71.1754, -55.8018



56.8540, 55.2880, 0.1280



78.0860, 2.9156, -1.8294



45.6350, 50.4659, -40.0219



6.3890, 6.7102, -5.6032

Inverse Universe

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



80.0820, -0.5334, 77.9811



80.9440, -0.9584, 121.0751



147.1460, -55.2880, -0.1280



78.6200, -0.3057, 4.7183



49.8380, -0.4131, 86.0881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 76.1040, 45.7977, -36.0482 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 76.1040, 45.7977, -36.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

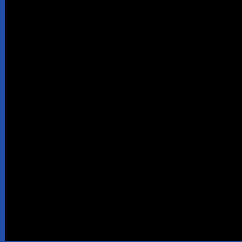
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1040, 45.7977, -36.0482

Background



This preview shows how black text looks on a background with the YUV color 76.1040, 45.7977, -36.0482.



This preview shows how white text looks on a background with the YUV color 76.1040, 45.7977,

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

76.1040, 45.7977, -36.0482

Protanopia

69.4440, 50.0671, -52.1324

Deuteranopia

66.7670, 40.0479, -58.5547



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

76.1040, 45.7977, -36.0482

Protanomaly

72.0210, 48.3036, -46.4994

Deuteranomaly

70.3920, 42.2047, -50.3328

Tritanomaly

69.6790, 26.7803, -49.7075

Monochromacy



Original Color

76.1040, 45.7977, -36.0482

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9780, 16.7728, -13.1357

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1040, 45.7977, -36.0482 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(35, 79, 169)` looks like.

```
.text, #text, p{  
    color:rgb(35, 79, 169)  
}
```

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(35, 79, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 79, 169) }
```

Border

The CSS property to change the border of an element to YUV 76.1040, 45.7977, -36.0482 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(35, 79, 169) }
```


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

```
.border{ border-color:rgb(35, 79, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 79, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 79, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 79, 169);  
box-shadow:4px 4px 4px 4px rgb(35, 79,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 76.1040, 45.7977, -36.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 79, 169) }
```

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

```
.background{ background-color: rgb(35, 79,  
169) }
```

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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