

Converting Colors

YUV(76.2720, 34.3759,
-12.5165)

Have a look what the booklet for
YUV(76.2720, 34.3759, -12.5165)
contains.

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Color

**YUV(76.2720, 34.3759,
-12.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4692
RGB	62, 70, 146
RGB Percent	24%, 27%, 57%
CMY	0.7569, 0.7255, 0.4275
CMYK	0.58, 0.52, 0.00, 0.43
HSL	234°, 40%, 41%
HSV	234°, 58%, 57%
XYZ	9.3651, 7.4798, 28.1443
YIQ	76.2720, -29.1640, 21.9400

Conversions

Conversions Part 2

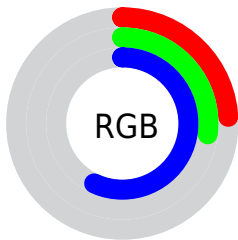
Format	Color
RYB	62, 69, 146
Decimal	4081298
CIELab	32.88, 20.27, -43.13
CIElCh	33, 47.659, 295.169
Yxy	7.4798, 0.2082, 0.1663
Android (android.graphics.Color)	4282271378 (0xFF3E4692)
YUV	76.2720, 34.3759, -12.5165
Hunter-Lab	27.3492, 13.2620, -41.8693

Details

The YUV color **76.2720, 34.3759, -12.5165** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **131.7280, -34.3759, 12.5165**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1630, 36.4016, -8.9130**, and **26.6790, 33.6823, -23.3975** is the 20% darker color. If you saturate the color by 10%, you get **64.1560, 40.3491, -15.0458**, and if you desaturate by 10%, it is **88.3880, 28.4027, -9.9873**.

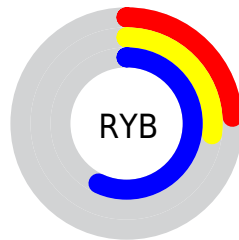
Distribution



Red (24%)

Green (27%)

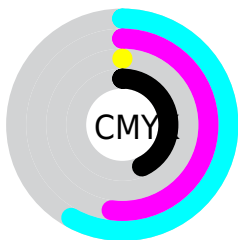
Blue (57%)



Red (24%)

Yellow (27%)

Blue (57%)

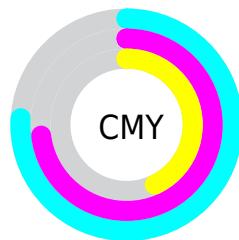


Cyan (58%)

Magenta (52%)

Yellow (0%)

Black (43%)



Cyan (76%)

Magenta (73%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2720, 34.3759, -12.5165 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 76.2720, 34.3759, -12.5165 by changing the saturation by 10% instead.

■ 76.2720, 34.3759,
-12.5165

■ 76.2720, 34.3759,
-12.5165

255.0000, 0.0000,
0.0000

■ 51.4240, 33.8080,
-17.0348

■ 127.1630, 36.4016,
-8.9130

■ 26.6790, 33.6823,
-23.3975

■ 153.6900, 37.1278,
-8.4981

■ 9.2680, 30.4339,
-8.1280

■ 180.2880, 36.8330,
-7.2686

■ 7.7060, 19.3719,
-6.7582

■ 204.5090, 24.8921,
-3.9544

■ 3.5510, 11.0674,
-3.1142

■ 229.6160, 12.5143,
-0.5402

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 76.2720, 34.3759,
-12.5165

■ 76.2720, 34.3759,
-12.5165

■ 64.1560, 40.3491,
-15.0458

■ 88.3880, 28.4027,
-9.9873

■ 52.3390, 46.1749,
-16.9603

■ 100.2050, 22.5769,
-8.0728

■ 39.6360, 52.4375,
-18.9748

■ 112.9080, 16.3144,
-6.0583

■ 27.8190, 58.2632,
-20.8893

■ 124.7250, 10.4886,
-4.1438

■ 24.8620, 59.7210,
-21.8040

■ 136.8410, 4.5154,
-1.6146

■ 148.9570, -1.4578,
0.9147

■ 160.7740, -7.2836,
2.8292

■ 173.4770,
-13.5462, 4.8437

■ 185.2940,
-19.3719, 6.7582

Harmonies

Analogous

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



66.7500, 42.5213, -58.5397



76.2720, 34.3759, -12.5165



78.4150, 20.9944, 32.9620

Triad

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



76.2720, 34.3759, -12.5165



73.3870, -30.2638, 47.0186



63.1580, 3.3731, -55.3896

Complementary

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



76.2720, 34.3759, -12.5165



131.7280, -34.3759, 12.5165

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.



56.9510, -12.7938, -49.9460



76.2720, 34.3759, -12.5165



73.0390, -36.0082, 22.7678

Square

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



76.2720, 34.3759, -12.5165



71.4100, -11.5411, 61.9074



68.7320, -33.8849, -5.0270



67.4900, 19.9714, -59.1887

Rectangle

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



76.2720, 34.3759, -12.5165



74.4300, 11.6200, 53.1199



68.7320, -33.8849, -5.0270



61.0890, -2.0159, -53.5751

Sweetspot

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



76.2720, 34.3759, -12.5165



162.4090, 13.1094, -4.7437



119.9720, 8.8878, -50.8414



78.3400, 7.7204, -2.9292



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



76.2720, 34.3759, -12.5165



80.5650, 53.4585, -19.7895



81.7420, 31.6792, 12.5043



67.7980, 3.0576, -0.6998



23.3630, 56.5160, -20.4894



1.7270, 4.0786, -1.5146

Inverse Universe

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



88.0280, -8.8878, 50.8414



98.6510, -13.6319, 79.2361



126.2580, -31.6792, -12.5043



69.0930, -1.0318, 4.3034



42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 76.2720, 34.3759, -12.5165 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 76.2720, 34.3759, -12.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

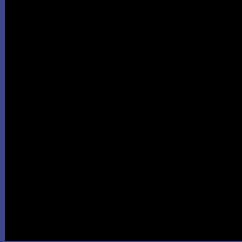
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2720, 34.3759, -12.5165

Background



This preview shows how black text looks on a background with the YUV color 76.2720, 34.3759, -12.5165.



This preview shows how white text looks on a background with the YUV color 76.2720, 34.3759,

-12.5165.

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

76.2720, 34.3759, -12.5165

Protanopia

70.5080, 39.6826, -34.6485

Deuteranopia

62.2190, 37.8530, -54.5661



Tritanopia

71.5280, 9.1067, -27.6501

Trichromacy



Original Color

76.2720, 34.3759, -12.5165

Protanomaly

72.3950, 37.7663, -26.6564

Deuteranomaly

67.6770, 36.6412, -39.1817

Tritanomaly

73.2650, 18.1104, -22.1574

Monochromacy



Original Color

76.2720, 34.3759, -12.5165

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1810, 12.2358, -4.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2720, 34.3759, -12.5165 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(62, 70, 146)` looks like.

```
.text, #text, p{  
    color:rgb(62, 70, 146)  
}
```

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(62, 70, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 70, 146) }
```

Border

The CSS property to change the border of an element to YUV 76.2720, 34.3759, -12.5165 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(62, 70, 146) }
```


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

```
.border{ border-color:rgb(62, 70, 146) }
```

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

Here you see how a box with a 4 pixel rgb(62, 70, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 70, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 70, 146);  
box-shadow:4px 4px 4px 4px rgb(62, 70,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 76.2720, 34.3759, -12.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 70, 146) }
```

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

```
.background{ background-color: rgb(62, 70,  
146) }
```

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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