

Converting Colors

YUV(76.8090, 29.6742,
-44.5595)

Have a look what the booklet for
YUV(76.8090, 29.6742, -44.5595)
contains.

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Color

**YUV(76.8090, 29.6742,
-44.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	1A5B89
RGB	26, 91, 137
RGB Percent	10%, 36%, 54%
CMY	0.8980, 0.6431, 0.4627
CMYK	0.81, 0.34, 0.00, 0.46
HSL	205°, 68%, 32%
HSV	205°, 81%, 54%
XYZ	8.6824, 9.5079, 25.0445
YIQ	76.8090, -53.5060, 0.5260

Conversions

Conversions Part 2

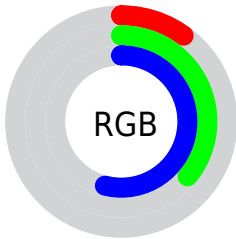
Format	Color
R_{YB}	26, 67, 137
Decimal	1727369
CIE Lab	36.94, -3.02, -31.26
CIE LCh	37, 31.403, 264.473
Yxy	9.5079, 0.2008, 0.2199
Android (android.graphics.Color)	4279917449 (0xFF1A5B89)
YUV	76.8090, 29.6742, -44.5595
Hunter-Lab	30.8349, -3.6994, -26.5716

Details

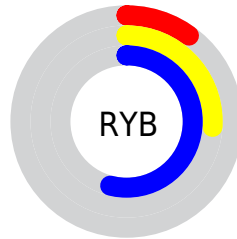
The YUV color **76.8090, 29.6742, -44.5595** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86.1910, -29.6742, 44.5595**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1520, 29.5051, -36.9673**, and **36.9200, 24.6894, -32.3788** is the 20% darker color. If you saturate the color by 10%, you get **69.1010, 33.4742, -50.0776**, and if you desaturate by 10%, it is **84.5170, 25.8741, -39.0414**.

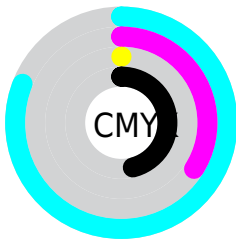
Distribution



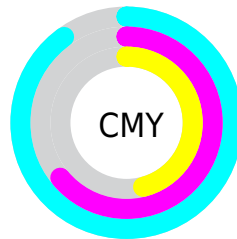
- Red (10%)
- Green (36%)
- Blue (54%)



- Red (10%)
- Yellow (26%)
- Blue (54%)



- Cyan (81%)
- Magenta (34%)
- Yellow (0%)
- Black (46%)



- Cyan (90%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8090, 29.6742, -44.5595 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 76.8090, 29.6742, -44.5595 by changing the saturation by 10% instead.

■ 76.8090, 29.6742,
-44.5595

■ 76.8090, 29.6742,
-44.5595

■ 255.0000, 0.0000,
0.0000

■ 52.5700, 28.8060,
-46.1039

■ 131.1520, 29.5051,
-36.9673

■ 36.9200, 24.6894,
-32.3788

■ 157.9780, 30.0838,
-35.9377

■ 22.4440, 19.9941,
-19.6834

■ 185.3910, 30.3732,
-35.4229

■ 6.4350, 17.0405,
-5.6435

■ 211.1110, 21.6373,
-33.4233

■ 2.7530, 8.0098,
-2.4144

■ 236.8050, 8.9701,
-30.5240

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 76.8090, 29.6742,
-44.5595

■ 76.8090, 29.6742,
-44.5595

■ 69.1010, 33.4742,
-50.0776

■ 84.5170, 25.8741,
-39.0414

■ 62.5780, 36.6900,
-54.8809

■ 91.3390, 22.5109,
-33.6233

■ 99.0470, 18.7108,
-28.1052

■ 106.7550, 14.9108,
-22.5871

■ 113.5770, 11.5475,
-17.1690

■ 121.2850, 7.7475,
-11.6509

■ 128.9930, 3.9475,
-6.1329

■ 136.1140, 0.4368,
-0.1000

■ 143.5230, -3.2158,
4.8033

Harmonies

Analogous

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



71.4170, 27.4024, -62.6327



76.8090, 29.6742, -44.5595



87.5150, 22.4241, -5.7137

Triad

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



76.8090, 29.6742, -44.5595



87.0330, -9.8763, 41.1901



78.2730, -10.9806, -24.7954

Complementary

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



76.8090, 29.6742, -44.5595



86.1910, -29.6742, 44.5595

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.



82.6690, -21.5288, -1.4637



76.8090, 29.6742, -44.5595



86.6440, -20.0375, 33.6382

Square

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



76.8090, 29.6742, -44.5595



88.5130, 2.2121, 37.2611



84.9920, -24.6461, 18.4240



67.3470, 6.7309, -59.0633

Rectangle

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



76.8090, 29.6742, -44.5595



89.4420, 16.5441, 13.6444



84.9920, -24.6461, 18.4240



80.0030, -14.7915, -15.7886

Sweetspot

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



76.8090, 29.6742, -44.5595



155.5770, 11.5475, -17.1690



96.1730, -12.9033, -61.5417



75.3560, 6.7265, -10.8362



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



76.8090, 29.6742, -44.5595



84.7100, 46.4850, -69.9057



45.1110, 45.3013, -16.7603



65.1460, 1.9000, -2.7590



60.9480, 35.5216, -53.4514



2.3310, 1.3158, -2.0443

Inverse Universe

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



66.5990, 12.0297, 61.7417



68.6540, 18.9046, 96.7734



117.8890, -45.3013, 16.7603



64.5490, 0.7153, 3.9035



48.6590, 14.4651, 73.9671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 76.8090, 29.6742, -44.5595 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 76.8090, 29.6742, -44.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

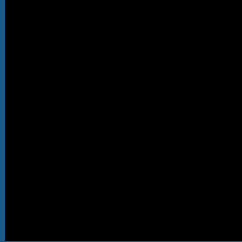
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8090, 29.6742, -44.5595

Background



This preview shows how black text looks on a background with the YUV color 76.8090, 29.6742, -44.5595.

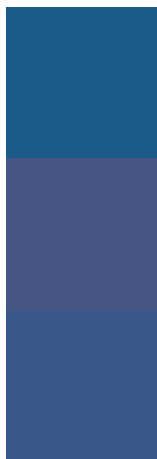


This preview shows how white text looks on a background with the YUV color 76.8090, 29.6742,

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

76.8090, 29.6742, -44.5595

Protanopia

85.8730, 22.7406, -13.9206

Deuteranopia

84.1430, 26.5515, -22.9274



Tritanopia

68.2080, 17.6455, -59.8184

Trichromacy



Original Color

76.8090, 29.6742, -44.5595

Protanomaly

82.4910, 25.3939, -24.9866

Deuteranomaly

81.1420, 28.0310, -30.8195

Tritanomaly

71.0930, 22.1392, -54.4556

Monochromacy



Original Color

76.8090, 29.6742, -44.5595

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7620, 10.9633, -16.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8090, 29.6742, -44.5595 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(26, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(26, 91, 137)  
}
```

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(26, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 91, 137) }
```

Border

The CSS property to change the border of an element to YUV 76.8090, 29.6742, -44.5595 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(26, 91, 137) }
```


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

```
.border{ border-color:rgb(26, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(26, 91,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 76.8090, 29.6742, -44.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 91, 137) }
```

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

```
.background{ background-color: rgb(26, 91,  
137) }
```

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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