

Converting Colors

YUV(89.8110, 26.7152,
-28.7752)

Have a look what the booklet for
YUV(89.8110, 26.7152, -28.7752)
contains.

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Color

**YUV(89.8110, 26.7152,
-28.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	396090
RGB	57, 96, 144
RGB Percent	22%, 38%, 56%
CMY	0.7765, 0.6235, 0.4353
CMYK	0.60, 0.33, 0.00, 0.44
HSL	213°, 43%, 39%
HSV	213°, 60%, 56%
XYZ	10.9043, 11.2492, 27.9822
YIQ	89.8110, -38.6520, 6.6600

Conversions

Conversions Part 2

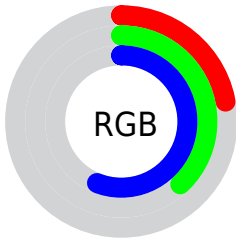
Format	Color
RYB	57, 84, 144
Decimal	3760272
CIELab	40.00, 1.59, -30.61
CIElCh	40, 30.650, 272.967
Yxy	11.2492, 0.2175, 0.2244
Android (android.graphics.Color)	4281950352 (0xFF396090)
YUV	89.8110, 26.7152, -28.7752
Hunter-Lab	33.5399, -0.6620, -25.9875

Details

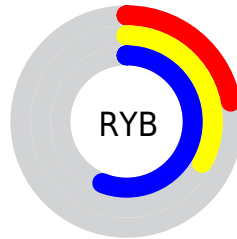
The YUV color **89.8110, 26.7152, -28.7752** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.1890, -26.7152, 28.7752**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4630, 27.8727, -26.7161**, and **39.9520, 26.1527, -35.0379** is the 20% darker color. If you saturate the color by 10%, you get **80.9290, 31.0940, -33.2637**, and if you desaturate by 10%, it is **98.6930, 22.3364, -24.2868**.

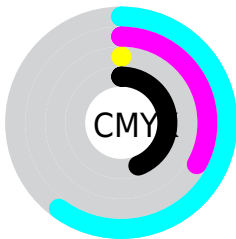
Distribution



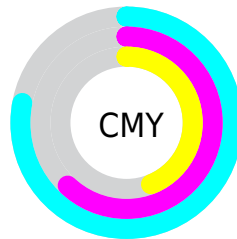
- Red (22%)
- Green (38%)
- Blue (56%)



- Red (22%)
- Yellow (33%)
- Blue (56%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8110, 26.7152, -28.7752 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 89.8110, 26.7152, -28.7752 by changing the saturation by 10% instead.

■ 89.8110, 26.7152,
-28.7752

■ 89.8110, 26.7152,
-28.7752

255.0000, 0.0000,
0.0000

■ 63.7890, 26.7260,
-32.2640

■ 141.4630, 27.8727,
-26.7161

■ 39.9520, 26.1527,
-35.0379

■ 168.8760, 28.1621,
-26.2013

■ 25.4760, 21.4573,
-22.3425

■ 196.1040, 29.0357,
-26.4012

■ 6.5320, 19.9507,
-5.7286

■ 221.2110, 16.6580,
-22.9870

■ 3.4370, 10.6306,
-3.0142

■ 245.4320, 4.7170,
-19.6729

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 89.8110, 26.7152,
-28.7752

■ 89.8110, 26.7152,
-28.7752

■ 80.9290, 31.0940,
-33.2637

■ 98.6930, 22.3364,
-24.2868

■ 71.7480, 35.6202,
-38.3670

■ 107.8740, 17.8101,
-19.1835

■ 62.8660, 39.9991,
-42.8555

■ 116.7560, 13.4313,
-14.6950

■ 54.5710, 44.0885,
-47.8588

■ 125.9370, 8.9051,
-9.5917

■ 134.8190, 4.5262,
-5.1033

■ 143.7010, 0.1474,
-0.6148

■ 152.8820, -4.3788,
4.4885

■ 161.7640, -8.7577,
8.9770

■ 170.9450,
-13.2839, 14.0802

Harmonies

Analogous

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



76.1930, 30.4709, -66.8213



89.8110, 26.7152, -28.7752



96.4730, 19.4868, 3.0932

Triad

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



89.8110, 26.7152, -28.7752



94.8110, -13.2178, 39.6308



84.3800, -6.5963, -31.0283

Complementary

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



89.8110, 26.7152, -28.7752



111.1890, -26.7152, 28.7752

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.



89.3200, -18.8918, -7.2966



89.8110, 26.7152, -28.7752



93.8670, -21.6264, 29.9346

Square

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



89.8110, 26.7152, -28.7752



96.1990, -1.5771, 39.2905



92.0730, -24.1930, 13.0910



73.7530, 10.9678, -64.6814

Rectangle

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



89.8110, 26.7152, -28.7752



97.0900, 13.7596, 20.0921



92.0730, -24.1930, 13.0910



86.4690, -11.5702, -22.3363

Sweetspot

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



89.8110, 26.7152, -28.7752



165.5670, 10.0735, -11.0213



113.5410, -4.2107, -49.5865



81.5630, 6.1314, -6.6328



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.



89.8110, 26.7152, -28.7752



101.3110, 41.7517, -44.9997



68.1140, 37.4118, -6.2390



66.5590, 2.1894, -2.2442



51.1970, 41.3149, -44.8998



2.6730, 2.6262, -2.3442

Inverse Universe

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



87.4590, 4.2107, 49.5865



97.6180, 6.5973, 77.5110



132.8860, -37.4118, 6.2390



66.4350, 0.2785, 4.0035



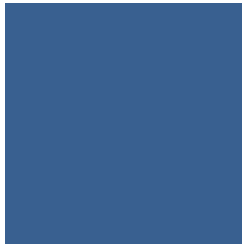
47.3190, 6.7447, 76.8962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 89.8110, 26.7152, -28.7752 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 × Fail

Black Background



This preview shows how the YUV color 89.8110, 26.7152, -28.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

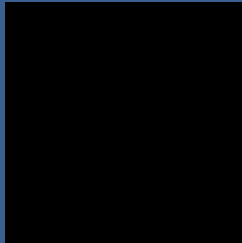
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8110, 26.7152, -28.7752

Background



This preview shows how black text looks on a background with the YUV color 89.8110, 26.7152, -28.7752.

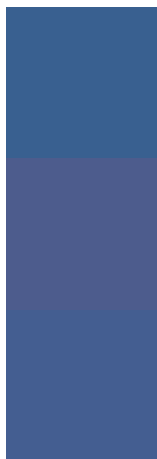


This preview shows how white text looks on a background with the YUV color 89.8110, 26.7152,

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

89.8110, 26.7152, -28.7752

Protanopia

93.1010, 23.6142, -14.1206

Deuteranopia

92.0400, 26.1093, -21.0831



Tritanopia

85.6730, 12.4862, -38.3012

Trichromacy



Original Color

89.8110, 26.7152, -28.7752

Protanomaly

91.7090, 24.7935, -19.0388

Deuteranomaly

91.4310, 26.4095, -24.0570

Tritanomaly

86.7750, 17.8589, -34.8827

Monochromacy



Original Color

89.8110, 26.7152, -28.7752

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8110, 26.7152, -28.7752 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(57, 96, 144)` looks like.

```
.text, #text, p{  
    color:rgb(57, 96, 144)  
}
```

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(57, 96, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 96, 144) }
```

Border

The CSS property to change the border of an element to YUV 89.8110, 26.7152, -28.7752 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(57, 96, 144) }
```


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

```
.border{ border-color:rgb(57, 96, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 96, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 96, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 96, 144);  
box-shadow:4px 4px 4px 4px rgb(57, 96,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 89.8110, 26.7152, -28.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 96, 144) }
```

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

```
.background{ background-color: rgb(57, 96,  
144) }
```

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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