

Converting Colors

YUV(88.0660, 26.5895,
-35.1379)

Have a look what the booklet for
YUV(88.0660, 26.5895, -35.1379)
contains.

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Color

**YUV(88.0660, 26.5895,
-35.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	30628E
RGB	48, 98, 142
RGB Percent	19%, 38%, 56%
CMY	0.8118, 0.6157, 0.4431
CMYK	0.66, 0.31, 0.00, 0.44
HSL	208°, 49%, 37%
HSV	208°, 66%, 56%
XYZ	10.4691, 11.3167, 27.2238
YIQ	88.0660, -43.9240, 3.0840

Conversions

Conversions Part 2

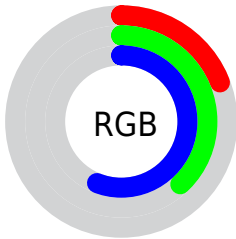
Format	Color
R _Y B	48, 81, 142
Decimal	3170958
CIE Lab	40.11, -2.17, -29.26
CIE LCh	40, 29.338, 265.755
Yxy	11.3167, 0.2136, 0.2309
Android (android.graphics.Color)	4281361038 (0xFF30628E)
YUV	88.0660, 26.5895, -35.1379
Hunter-Lab	33.6404, -3.3203, -24.4327

Details

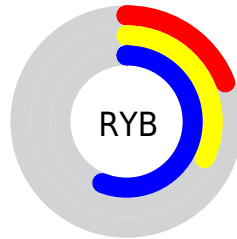
The YUV color **88.0660, 26.5895, -35.1379** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.9340, -26.5895, 35.1379**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3160, 27.4522, -31.8491**, and **40.8980, 24.7003, -35.8675** is the 20% darker color. If you saturate the color by 10%, you get **79.7710, 30.6789, -40.1412**, and if you desaturate by 10%, it is **96.3610, 22.5000, -30.1346**.

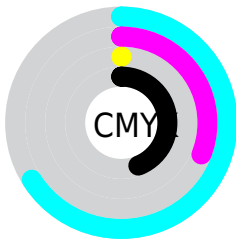
Distribution



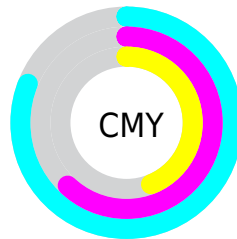
- Red (19%)
- Green (38%)
- Blue (56%)



- Red (19%)
- Yellow (32%)
- Blue (56%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (81%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0660, 26.5895, -35.1379 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 88.0660, 26.5895, -35.1379 by changing the saturation by 10% instead.

■ 88.0660, 26.5895,
-35.1379

■ 88.0660, 26.5895,
-35.1379

■ 255.0000, 0.0000,
0.0000

■ 59.9510, 27.6322,
-42.9300

■ 140.3160, 27.4522,
-31.8491

■ 40.8980, 24.7003,
-35.8675

■ 167.4300, 27.8890,
-31.9491

■ 25.9490, 20.7311,
-22.7573

■ 194.9570, 28.6152,
-31.5343

■ 7.4780, 18.4983,
-6.5582

■ 219.9930, 17.2585,
-28.9349

■ 3.3230, 10.1938,
-2.9143

■ 243.3390, 5.7489,
-23.9763

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 88.0660, 26.5895,
-35.1379

■ 88.0660, 26.5895,
-35.1379

■ 79.7710, 30.6789,
-40.1412

■ 96.3610, 22.5000,
-30.1346

■ 72.0630, 34.4789,
-45.6593

■ 104.0690, 18.7000,
-24.6165

■ 63.4690, 38.7158,
-51.2773

■ 112.6630, 14.4631,
-18.9985

■ 60.8000, 40.0316,
-53.3216

■ 120.9580, 10.3737,
-13.9952

■ 128.6660, 6.5737,
-8.4771

■ 136.9610, 2.4842,
-3.4738

■ 145.2560, -1.6052,
1.5295

■ 153.2630, -5.5527,
7.6623

■ 161.5580, -9.6421,
12.6656

Harmonies

Analogous

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



76.3240, 28.4343, -66.9361



88.0660, 26.5895, -35.1379



96.0700, 20.6715, -3.5694

Triad

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



88.0660, 26.5895, -35.1379



95.6090, -10.1602, 38.9309



86.6260, -9.6756, -23.3510

Complementary

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



88.0660, 26.5895, -35.1379



101.9340, -26.5895, 35.1379

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.



90.4240, -19.9290, -1.2488



88.0660, 26.5895, -35.1379



94.2740, -18.8691, 32.2087

Square

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



88.0660, 26.5895, -35.1379



96.2740, 1.3439, 35.7167



92.7360, -23.0408, 16.8945



78.1520, 5.8411, -53.6303

Rectangle

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



88.0660, 26.5895, -35.1379



97.1000, 15.2337, 13.9443



92.7360, -23.0408, 16.8945



88.2310, -13.9179, -15.9886

Sweetspot

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



88.0660, 26.5895, -35.1379



162.3710, 10.6631, -13.4804



108.1940, -7.9836, -52.7901



78.9650, 6.4263, -7.8623



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



88.0660, 26.5895, -35.1379



100.7290, 41.0526, -54.1363



60.4770, 40.1908, -10.9423



67.1460, 1.9000, -2.7590



57.6540, 38.1316, -50.5626



3.2600, 2.3368, -2.8590

Inverse Universe

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



81.8060, 7.9836, 52.7901



91.1330, 12.2594, 81.4444



129.5230, -40.1908, 10.9423



66.5490, 0.7153, 3.9035



48.5730, 11.5495, 75.7965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 88.0660, 26.5895, -35.1379 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 88.0660, 26.5895, -35.1379 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

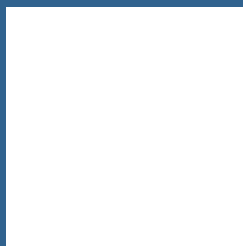
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.0660, 26.5895, -35.1379

Background



This preview shows how black text looks on a background with the YUV color 88.0660, 26.5895, -35.1379.

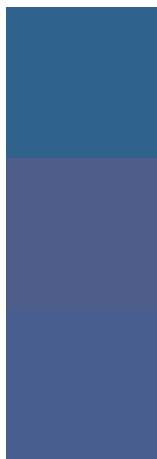


This preview shows how white text looks on a background with the YUV color 88.0660, 26.5895,

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

88.0660, 26.5895, -35.1379

Protanopia

93.9440, 21.7196, -13.1059

Deuteranopia

92.7090, 24.7935, -19.0388



Tritanopia

82.7860, 14.4025, -46.2933

Trichromacy



Original Color

88.0660, 26.5895, -35.1379

Protanomaly

91.9430, 23.1991, -20.9980

Deuteranomaly

90.9040, 25.6833, -24.4718

Tritanomaly

84.9590, 18.7542, -42.0600

Monochromacy



Original Color

88.0660, 26.5895, -35.1379

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0660, 26.5895, -35.1379 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(48, 98, 142)` looks like.

```
.text, #text, p{  
    color:rgb(48, 98, 142)  
}
```

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(48, 98, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 98, 142) }
```

Border

The CSS property to change the border of an element to YUV 88.0660, 26.5895, -35.1379 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(48, 98, 142) }
```


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

```
.border{ border-color:rgb(48, 98, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 98, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 98, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 98, 142);  
box-shadow:4px 4px 4px 4px rgb(48, 98,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 88.0660, 26.5895, -35.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 98, 142) }
```

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

```
.background{ background-color: rgb(48, 98,  
142) }
```

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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