

Converting Colors

YUV(88.6900, 20.3658, 1.1489)

Have a look what the booklet for
YUV(88.6900, 20.3658, 1.1489)
contains.

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Color

**YUV(88.6900, 20.3658,
1.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5082
RGB	90, 80, 130
RGB Percent	35%, 31%, 51%
CMY	0.6471, 0.6863, 0.4902
CMYK	0.31, 0.38, 0.00, 0.49
HSL	252°, 24%, 41%
HSV	252°, 38%, 51%
XYZ	11.1144, 9.5227, 22.3714
YIQ	88.6900, -10.0900, 17.6700

Conversions

Conversions Part 2

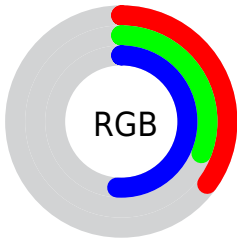
Format	Color
R_{YB}	90, 80, 130
Decimal	5918850
CIE _{Lab}	36.97, 16.18, -26.69
CIE _{LCh}	37, 31.206, 301.225
Yxy	9.5227, 0.2584, 0.2214
Android (android.graphics.Color)	4284108930 (0xFF5A5082)
YUV	88.6900, 20.3658, 1.1489
Hunter-Lab	30.8589, 10.2870, -21.3816

Details

The YUV color **88.6900, 20.3658, 1.1489** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.3100, -20.3658, -1.1489**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7440, 21.8182, 1.9785**, and **42.2230, 18.6241, -0.1956** is the 20% darker color. If you saturate the color by 10%, you get **78.0690, 25.6020, 1.6935**, and if you desaturate by 10%, it is **99.3110, 15.1297, 0.6043**.

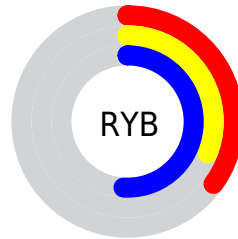
Distribution



Red (35%)

Green (31%)

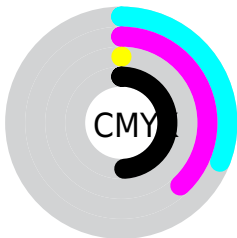
Blue (51%)



Red (35%)

Yellow (31%)

Blue (51%)

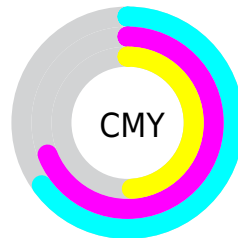


Cyan (31%)

Magenta (38%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6900, 20.3658, 1.1489 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 88.6900, 20.3658, 1.1489 by changing the saturation by 10% instead.

■ 88.6900, 20.3658,
1.1489

■ 88.6900, 20.3658,
1.1489

■ 255.0000, 0.0000,
0.0000

■ 65.1630, 19.6396,
0.7340

■ 138.7440, 21.8182,
1.9785

■ 42.2230, 18.6241,
-0.1956

■ 165.2710, 22.5444,
2.3933

■ 20.6850, 17.9033,
-2.3547

■ 192.6840, 22.8338,
2.9081

■ 3.9900, 15.2879,
-3.4992

■ 219.3160, 17.5922,
4.1079

■ 1.1400, 4.3680,
-0.9998

■ 244.4230, 5.2145,
7.5220

■ 0.0000, 0.0000,
0.0000

■ 88.6900, 20.3658,
1.1489

■ 88.6900, 20.3658,
1.1489

■ 78.0690, 25.6020,
1.6935

■ 99.3110, 15.1297,
0.6043

■ 67.1490, 30.9855,
1.6233

■ 110.2310, 9.7461,
0.6744

■ 56.5280, 36.2217,
2.1679

■ 120.8520, 4.5100,
0.1298

■ 45.6080, 41.6053,
2.0978

■ 131.7720, -0.8736,
0.2000

■ 34.9870, 46.8414,
2.6424

■ 142.3930, -6.1097,
-0.3447

■ 24.3660, 52.0776,
3.1870

■ 153.0140,
-11.3459, -0.8893

■ 22.5940, 52.9512,
2.9871

■ 163.9340,
-16.7295, -0.8191

■ 174.5550,

-21.9656, -1.3637

■ 185.4750,
-27.3492, -1.2936

Harmonies

Analogous

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



80.7180, 27.7470, -33.0787



88.6900, 20.3658, 1.1489



90.0260, 10.8332, 25.4102

Triad

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



88.6900, 20.3658, 1.1489



86.2800, -21.3370, 30.4494



68.6180, 9.0623, -60.1780

Complementary

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



88.6900, 20.3658, 1.1489



121.3100, -20.3658, -1.1489

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.



77.1520, -7.4699, -30.8283



88.6900, 20.3658, 1.1489



84.6710, -24.4878, 14.3205

Square

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



88.6900, 20.3658, 1.1489



87.3380, -12.4916, 40.0456



81.8040, -19.6234, -5.9671



70.8810, 20.2717, -62.1626

Rectangle

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



88.6900, 20.3658, 1.1489



89.0290, 2.9437, 35.9316



81.8040, -19.6234, -5.9671



67.0050, 5.4205, -58.7634

Sweetspot

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



88.6900, 20.3658, 1.1489



151.4760, 8.1463, 0.4595



109.1800, 10.2643, -25.5909



74.2650, 4.7994, 0.6446



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



88.6900, 20.3658, 1.1489



104.2630, 31.4223, 1.5233



96.1650, 16.6807, 16.5183



58.3960, 2.7628, 0.5297



22.0670, 52.2250, 2.5722



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.5100, 10.1016, 26.7397



121.0910, 15.7311, 41.1392



113.8350, -16.6807, -16.5183



59.6630, 1.1521, 3.8035



49.9000, 25.6853, 68.4937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.6900, 20.3658, 1.1489 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 88.6900, 20.3658, 1.1489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

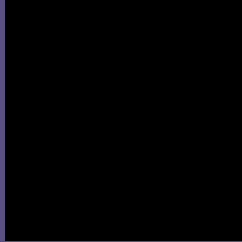
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6900, 20.3658, 1.1489

Background



This preview shows how black text looks on a background with the YUV color 88.6900, 20.3658, 1.1489.



This preview shows how white text looks on a background with the YUV color 88.6900, 20.3658,

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

88.6900, 20.3658, 1.1489

Protanopia

85.9160, 24.1984, -14.8353

Deuteranopia

85.8190, 21.2882, -14.7503



Tritanopia

86.6020, 3.6472, -3.1590

Trichromacy



Original Color

88.6900, 20.3658, 1.1489

Protanomaly

86.9060, 22.7243, -8.6876

Deuteranomaly

87.0370, 20.6878, -8.8024

Tritanomaly

87.2200, 9.7515, -1.0699

Monochromacy



Original Color

88.6900, 20.3658, 1.1489

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6900, 20.3658, 1.1489 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(90, 80, 130)` looks like.

```
.text, #text, p{  
    color:rgb(90, 80, 130)  
}
```

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(90, 80, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 80, 130) }
```

Border

The CSS property to change the border of an element to YUV 88.6900, 20.3658, 1.1489 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(90, 80, 130) }
```


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

```
.border{ border-color:rgb(90, 80, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 80, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 80, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 80, 130);  
box-shadow:4px 4px 4px 4px rgb(90, 80,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 88.6900, 20.3658, 1.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 80, 130) }
```

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

```
.background{ background-color: rgb(90, 80,  
130) }
```

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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