

Converting Colors

YUV(65.5940, 36.6822, 88.0561)

Have a look what the booklet for
YUV(65.5940, 36.6822, 88.0561)
contains.

YUV(65.5940, 36.6822, 88.0561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(65.5940, 36.6822,
88.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	A6008C
RGB	166, 0, 140
RGB Percent	65%, 0%, 55%
CMY	0.3490, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.16, 0.35
HSL	309°, 100%, 33%
HSV	309°, 100%, 65%
XYZ	20.4595, 10.0004, 25.6629
YIQ	65.5940, 53.9960, 78.7320

Conversions

Conversions Part 2

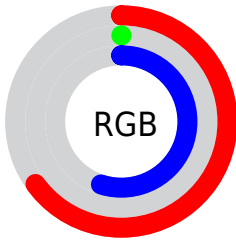
Format	Color
RYB	166, 0, 140
Decimal	10879116
CIELab	37.84, 67.57, -30.71
CIELCh	38, 74.223, 335.561
Yxy	10.0004, 0.3645, 0.1782
Android (android.graphics.Color)	4289069196 (0xFFA6008C)
YUV	65.5940, 36.6822, 88.0561
Hunter-Lab	31.6235, 60.1435, -25.9782

Details

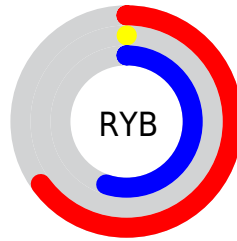
The YUV color **65.5940, 36.6822, 88.0561** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **100.4060, -36.6822, -88.0561**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9380, 28.1316, 77.2304**, and **42.7370, 22.8077, 58.1127** is the 20% darker color. If you saturate the color by 10%, you get **65.5940, 36.6822, 88.0561**, and if you desaturate by 10%, it is **75.9150, 33.0729, 79.0045**.

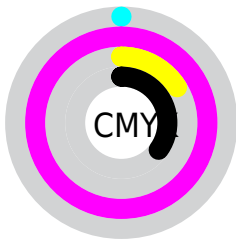
Distribution



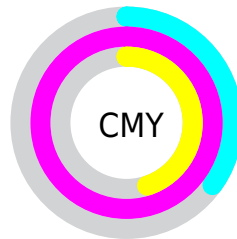
- Red (65%)
- Green (0%)
- Blue (55%)



- Red (65%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.5940, 36.6822, 88.0561 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 65.5940, 36.6822, 88.0561 by changing the saturation by 10% instead.


 65.5940, 36.6822,
88.0561


 65.5940, 36.6822,
88.0561


255.0000, 0.0000,
0.0000


 53.9590, 29.6002,
72.8270

 136.9380, 28.1316,
77.2304


 42.7370, 22.8077,
58.1127


 166.1230, 27.5474,
77.9451


 31.6290, 16.4519,
43.2984

 186.4520, 31.8222,
60.1166

 21.6460, 10.5275,
30.1285

 203.9310, 25.1770,
44.7875

 9.2710, 5.7824,
12.0403

 220.9540, 16.7847,
29.8583

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,

14.9292

■ 65.5940, 36.6822,
88.0561

■ 75.9150, 33.0729,
79.0045

■ 85.5350, 29.3162,
70.5678

■ 95.8560, 25.7070,
61.5163

■ 105.4760, 21.9503,
53.0795

■ 115.7970, 18.3411,
44.0280

■ 126.1180, 14.7318,
34.9765

■ 135.7380, 10.9752,
26.5398

■ 146.0590, 7.3659,
17.4883

■ 155.6790, 3.6093,
9.0515

Harmonies

Analogous

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



88.8780, 48.8671, 6.2460



65.5940, 36.6822, 88.0561



65.7450, 7.5207, 108.0946

Triad

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



65.5940, 36.6822, 88.0561



83.3170, -41.0753, 14.6310



84.3430, 36.3129, -73.9688

Complementary

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



65.5940, 36.6822, 88.0561



100.4060, -36.6822, -88.0561

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.



77.6170, 10.5418, -68.0701



65.5940, 36.6822, 88.0561



69.1210, -34.0767, -36.9401

Square

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



65.5940, 36.6822, 88.0561



82.6950, -40.7686, 56.3955



68.4460, -16.9819, -60.0271



86.1960, 56.1054, -75.5939

Rectangle

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



65.5940, 36.6822, 88.0561



60.4020, -9.0722, 110.1494



68.4460, -16.9819, -60.0271



82.2910, 28.4505, -72.1692

Sweetspot

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



65.5940, 36.6822, 88.0561



177.7050, 14.4424, 34.4617



26.3990, 68.8233, -1.2269



85.7220, 8.5181, 21.2918



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



65.5940, 36.6822, 88.0561



85.7450, 47.9467, 115.1106



56.2460, 0.8647, 96.2543



79.1900, 1.8783, 4.2184



58.5020, 32.7835, 78.4897



7.9180, 4.4774, 10.5959

Inverse Universe

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



65.5940, 36.6822, 88.0561



85.7450, 47.9467, 115.1106



109.7540, -0.8647, -96.2543



79.1900, 1.8783, 4.2184



58.5020, 32.7835, 78.4897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 65.5940, 36.6822, 88.0561 looks on a white background.

Color Contrast Check

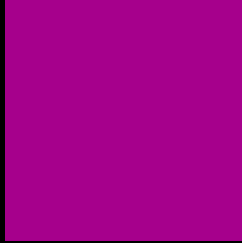
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.5940, 36.6822, 88.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

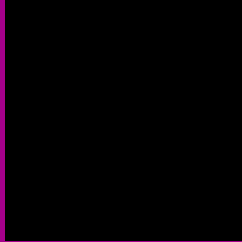
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5940, 36.6822, 88.0561

Background



This preview shows how black text looks on a background with the YUV color 65.5940, 36.6822, 88.0561.



This preview shows how white text looks on a background with the YUV color 65.5940, 36.6822,

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



Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

91.3740, 19.5356, -12.6060

Tritanopia

86.4380, -14.0199, 63.6369

Trichromacy



Protanomaly

70.8930, 49.3528, -9.5532

Deuteranomaly

81.9130, 25.6789, 23.7553

Tritanomaly

79.0150, 4.4296, 72.7778

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7540, 13.4323, 31.7877

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5940, 36.6822, 88.0561 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(166, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 140)  
}
```

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(166, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 140) }
```

Border

The CSS property to change the border of an element to YUV 65.5940, 36.6822, 88.0561 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(166, 0, 140) }
```

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

```
.border{ border-color:rgb(166, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 0,  
140) }
```


Background

The CSS property to change the background color of an element to YUV 65.5940, 36.6822, 88.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 140) }
```

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

```
.background{ background-color: rgb(166, 0,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor