

Converting Colors

YUV(85.6990, 50.4344, 16.9270)

Have a look what the booklet for
YUV(85.6990, 50.4344, 16.9270)
contains.

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Color

**YUV(85.6990, 50.4344,
16.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	6938BC
RGB	105, 56, 188
RGB Percent	41%, 22%, 74%
CMY	0.5882, 0.7804, 0.2627
CMYK	0.44, 0.70, 0.00, 0.26
HSL	262°, 54%, 48%
HSV	262°, 70%, 74%
XYZ	16.3170, 9.4624, 48.5434
YIQ	85.6990, -13.1680, 51.4400

Conversions

Conversions Part 2

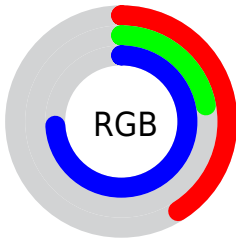
Format	Color
R_{YB}	105, 56, 188
Decimal	6895804
CIE _{Lab}	36.86, 50.04, -61.65
CIE _{LCh}	37, 79.405, 309.068
Yxy	9.4624, 0.2195, 0.1273
Android (android.graphics.Color)	4285085884 (0xFF6938BC)
YUV	85.6990, 50.4344, 16.9270
Hunter-Lab	30.7611, 40.8520, -72.0315

Details

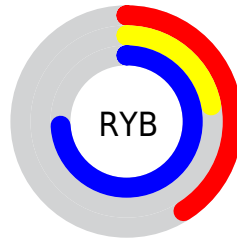
The YUV color **85.6990, 50.4344, 16.9270** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **158.3010, -50.4344, -16.9270**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1770, 52.1707, 20.0158**, and **28.7310, 51.8976, 14.2679** is the 20% darker color. If you saturate the color by 10%, you get **70.9580, 57.7017, 19.3308**, and if you desaturate by 10%, it is **100.4400, 43.1671, 14.5231**.

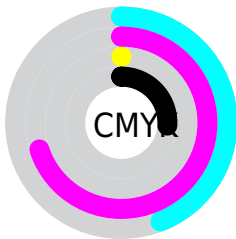
Distribution



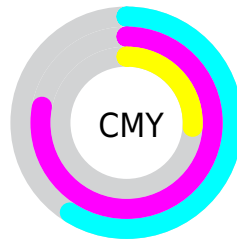
- Red (41%)
- Green (22%)
- Blue (74%)



- Red (41%)
- Yellow (22%)
- Blue (74%)



- Cyan (44%)
- Magenta (70%)
- Yellow (0%)
- Black (26%)



- Cyan (59%)
- Magenta (78%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6990, 50.4344, 16.9270 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 85.6990, 50.4344, 16.9270 by changing the saturation by 10% instead.

85.6990, 50.4344,
16.9270

85.6990, 50.4344,
16.9270

255.0000, 0.0000,
0.0000

58.5740, 50.0030,
15.2826

139.1770, 52.1707,
20.0158

28.7310, 51.8976,
14.2679

164.2500, 44.7398,
23.4597

12.1980, 46.7374,
-10.6976

189.0690, 32.5040,
28.0035

9.3480, 35.8174,
-8.1982

214.4750, 19.9788,
32.0324

9.5470, 23.8873,
-8.3727

232.1070, 11.2862,
20.0772

5.2780, 15.1459,
-4.6288

249.1300, 2.8939,

1.2540, 4.8048,

5.1480

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 85.6990, 50.4344,
16.9270

■ 85.6990, 50.4344,
16.9270

■ 70.9580, 57.7017,
19.3308

■ 100.4400, 43.1671,
14.5231

■ 56.2170, 64.9690,
21.7347

■ 115.1810, 35.8998,
12.1193

■ 42.3620, 71.7995,
24.2385

■ 129.0360, 29.0693,
9.6154

■ 143.7770, 21.8019,
7.2116

■ 158.5180, 14.5346,
4.8077

■ 173.2590, 7.2673,
2.4039

■ 188.0000, 0.0000,
0.0000

■ 202.1540, -6.9779,
-1.8891

■ 216.5960,
-14.0978, -4.9077

Harmonies

Analogous

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



77.4540, 68.3032, -67.9272



85.6990, 50.4344, 16.9270



67.0030, 33.0295, 92.9594

Triad

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



85.6990, 50.4344, 16.9270



80.6130, -39.7422, 53.8364



77.1270, 13.7414, -67.6404

Complementary

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



85.6990, 50.4344, 16.9270



158.3010, -50.4344, -16.9270

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.



68.0870, -15.8189, -59.7123



85.6990, 50.4344, 16.9270



80.0280, -39.4538, 7.8684

Square

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



85.6990, 50.4344, 16.9270



53.5640, -24.9281, 109.1304



60.4610, -29.8073, -53.0243



84.1950, 40.8229, -73.8390

Rectangle

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



85.6990, 50.4344, 16.9270



67.2980, 12.1781, 107.6097



60.4610, -29.8073, -53.0243



74.6190, 4.1318, -65.4409

Sweetspot

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



85.6990, 50.4344, 16.9270



204.6090, 19.9128, 6.4819



120.3560, 33.3485, -56.4402



98.7090, 11.4825, 3.7632



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



85.6990, 50.4344, 16.9270



85.5070, 78.6300, 26.7424



105.1340, 40.8529, 56.8875



86.9230, 3.4890, 0.9445



35.6530, 60.3171, 20.4753



6.8230, 11.9193, 3.6632

Inverse Universe

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



104.9300, 16.7965, 72.8524



115.3000, 25.9811, 113.7469



138.8660, -40.8529, -56.8875



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 85.6990, 50.4344, 16.9270 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 85.6990, 50.4344, 16.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

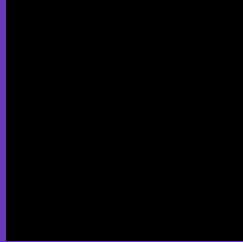
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6990, 50.4344, 16.9270

Background



This preview shows how black text looks on a background with the YUV color 85.6990, 50.4344, 16.9270.



This preview shows how white text looks on a background with the YUV color 85.6990, 50.4344,

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

85.6990, 50.4344, 16.9270

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

69.6850, 41.0743, -61.1137



Tritanopia

86.3030, 3.7946, -3.7737

Trichromacy



Original Color

85.6990, 50.4344, 16.9270

Protanomaly

75.4340, 52.0440, -32.8296

Deuteranomaly

75.4850, 44.6239, -32.8743

Tritanomaly

86.1140, 20.6498, 3.4080

Monochromacy



Original Color

85.6990, 50.4344, 16.9270

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8540, 18.3130, 6.2670

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6990, 50.4344, 16.9270 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(105, 56, 188)` looks like.

```
.text, #text, p{  
    color:rgb(105, 56, 188)  
}
```

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(105, 56, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 56, 188) }
```

Border

The CSS property to change the border of an element to YUV 85.6990, 50.4344, 16.9270 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(105, 56, 188) }
```


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

```
.border{ border-color:rgb(105, 56, 188) }
```

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

Here you see how a box with a 4 pixel rgb(105, 56, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 56, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 56, 188);  
box-shadow:4px 4px 4px 4px rgb(105, 56,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 85.6990, 50.4344, 16.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 56, 188) }
```

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

```
.background{ background-color: rgb(105, 56,  
188) }
```

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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