

Converting Colors

YUV(99.1990, 28.4959, 6.8415)

Have a look what the booklet for
YUV(99.1990, 28.4959, 6.8415)
contains.

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Color

**YUV(99.1990, 28.4959,
6.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	6B549D
RGB	107, 84, 157
RGB Percent	42%, 33%, 62%
CMY	0.5804, 0.6706, 0.3843
CMYK	0.32, 0.46, 0.00, 0.38
HSL	259°, 30%, 47%
HSV	259°, 46%, 62%
XYZ	15.3195, 11.9008, 33.3879
YIQ	99.1990, -9.7250, 27.5790

Conversions

Conversions Part 2

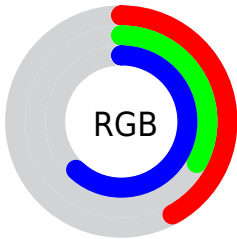
Format	Color
R_{YB}	107, 84, 157
Decimal	7034013
CIE _{Lab}	41.06, 26.17, -36.49
CIE _{LCh}	41, 44.904, 305.643
Yxy	11.9008, 0.2528, 0.1964
Android (android.graphics.Color)	4285224093 (0xFF6B549D)
YUV	99.1990, 28.4959, 6.8415
Hunter-Lab	34.4975, 18.8971, -33.2348

Details

The YUV color **99.1990, 28.4959, 6.8415** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.8010, -28.4959, -6.8415**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6660, 30.2377, 8.1859**, and **51.0200, 26.6121, 4.3675** is the 20% darker color. If you saturate the color by 10%, you get **86.5180, 34.7476, 8.3157**, and if you desaturate by 10%, it is **111.8800, 22.2442, 5.3672**.

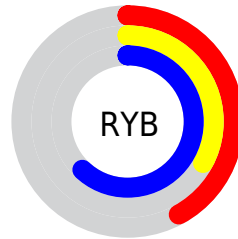
Distribution



Red (42%)

Green (33%)

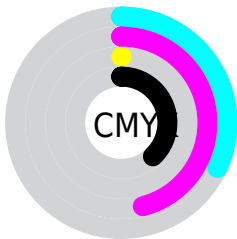
Blue (62%)



Red (42%)

Yellow (33%)

Blue (62%)

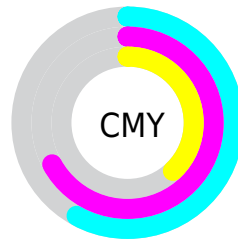


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (67%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1990, 28.4959, 6.8415 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 99.1990, 28.4959, 6.8415 by changing the saturation by 10% instead.

99.1990, 28.4959,
6.8415

99.1990, 28.4959,
6.8415

255.0000, 0.0000,
0.0000

74.9600, 27.6277,
5.2971

150.6660, 30.2377,
8.1859

51.0200, 26.6121,
4.3675

177.6060, 31.2532,
9.1155

28.1830, 26.0388,
1.5935

203.4230, 25.4275,
11.0300

9.4880, 23.4234,
0.4490

228.5300, 13.0497,
14.4442

5.1640, 14.7091,
-4.5288

248.5430, 3.1833,
5.6628

1.0260, 3.9312,
-0.8998

0.0000, 0.0000,

0.0000

■ 99.1990, 28.4959,
6.8415

■ 99.1990, 28.4959,
6.8415

■ 86.5180, 34.7476,
8.3157

■ 111.8800, 22.2442,
5.3672

■ 74.4240, 40.7100,
9.2752

■ 123.9740, 16.2818,
4.4078

■ 62.0420, 46.8143,
11.3642

■ 136.3560, 10.1775,
2.3188

■ 49.3610, 53.0660,
12.8384

■ 149.0370, 3.9258,
0.8446

■ 36.6800, 59.3178,
14.3126

■ 161.7180, -2.3260,
-0.6297

■ 32.5490, 61.3543,
14.4275

■ 173.8120, -8.2883,
-1.5891

■ 186.1940,
-14.3926, -3.6781

■ 198.8750,
-20.6444, -5.1524

■ 210.9690,
-26.6067, -6.1118

Harmonies

Analogous

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



82.2770, 43.2474, -58.1249



99.1990, 28.4959, 6.8415



98.4610, 14.5627, 42.5687

Triad

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



99.1990, 28.4959, 6.8415



93.9470, -33.0049, 39.5115



78.6600, 11.9996, -68.9848

Complementary

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



99.1990, 28.4959, 6.8415



141.8010, -28.4959, -6.8415

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.



73.1540, -4.0199, -64.1561



99.1990, 28.4959, 6.8415



91.0120, -38.4599, 15.7755

Square

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



99.1990, 28.4959, 6.8415



94.4280, -18.9450, 56.6296



87.6860, -27.4532, -14.6336



82.1770, 28.0137, -72.0692

Rectangle

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



99.1990, 28.4959, 6.8415



96.0900, 3.8996, 56.0491



87.6860, -27.4532, -14.6336



77.1780, 6.3212, -67.6851

Sweetspot

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



99.1990, 28.4959, 6.8415



180.9970, 11.3405, 2.6336



122.2590, 17.1273, -33.5531



88.4330, 6.6885, 1.3743



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



99.1990, 28.4959, 6.8415



113.7600, 44.4883, 10.7345



109.6640, 23.3366, 28.3587



72.8090, 3.0522, 1.0445



29.7570, 55.8288, 13.3681



3.2050, 5.8149, 1.5742

Inverse Universe

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



111.5270, 11.0792, 39.8798



132.9780, 17.2658, 62.2863



131.3360, -23.3366, -28.3587



74.0760, 1.4415, 4.3183



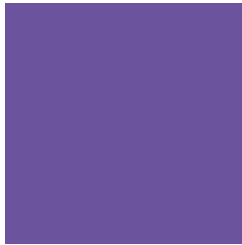
53.9290, 21.7270, 78.1153



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 99.1990, 28.4959, 6.8415 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 99.1990, 28.4959, 6.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

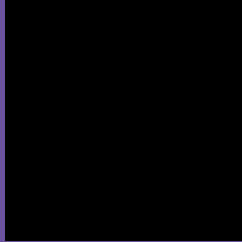
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1990, 28.4959, 6.8415

Background



This preview shows how black text looks on a background with the YUV color 99.1990, 28.4959, 6.8415.



This preview shows how white text looks on a background with the YUV color 99.1990, 28.4959,

6.8415.

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

99.1990, 28.4959, 6.8415

Protanopia

94.2380, 35.8717, -25.6417

Deuteranopia

93.9300, 29.6145, -25.3716



Tritanopia

96.9120, 3.4944, -0.7998

Trichromacy



Original Color

99.1990, 28.4959, 6.8415

Protanomaly

95.9190, 33.0709, -13.9610

Deuteranomaly

95.5940, 29.2872, -13.6759

Tritanomaly

97.9260, 12.3615, 1.8189

Monochromacy



Original Color

99.1990, 28.4959, 6.8415

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1990, 28.4959, 6.8415 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(107, 84, 157)` looks like.

```
.text, #text, p{  
    color:rgb(107, 84, 157)  
}
```

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(107, 84, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 84, 157) }
```

Border

The CSS property to change the border of an element to YUV 99.1990, 28.4959, 6.8415 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(107, 84, 157) }
```


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

```
.border{ border-color:rgb(107, 84, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 84, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 84, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 84, 157);  
box-shadow:4px 4px 4px 4px rgb(107, 84,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 99.1990, 28.4959, 6.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 84, 157) }
```

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

```
.background{ background-color: rgb(107, 84,  
157) }
```

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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