

Converting Colors

YUV(105.4990, 17.0090,
51.3054)

Have a look what the booklet for
YUV(105.4990, 17.0090, 51.3054)
contains.

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Color

**YUV(105.4990, 17.0090,
51.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	A4458C
RGB	164, 69, 140
RGB Percent	64%, 27%, 55%
CMY	0.3569, 0.7294, 0.4510
CMYK	0.00, 0.58, 0.15, 0.36
HSL	315°, 41%, 46%
HSV	315°, 58%, 64%
XYZ	22.1716, 14.0422, 26.3528
YIQ	105.4990, 33.8290, 42.2210

Conversions

Conversions Part 2

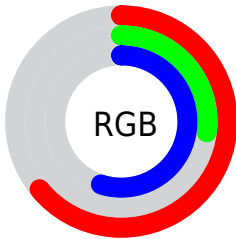
Format	Color
RYB	164, 69, 140
Decimal	10765708
CIELab	44.29, 47.91, -20.68
CIELCh	44, 52.181, 336.647
Yxy	14.0422, 0.3544, 0.2244
Android (android.graphics.Color)	4288955788 (0xFFA4458C)
YUV	105.4990, 17.0090, 51.3054
Hunter-Lab	37.4729, 40.0354, -15.4646

Details

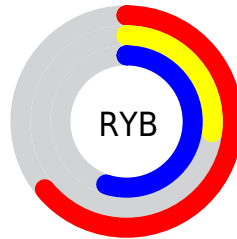
The YUV color **105.4990, 17.0090, 51.3054** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.5010, -17.0090, -51.3054**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8090, 16.8562, 53.6645**, and **48.1340, 20.6399, 53.3795** is the 20% darker color. If you saturate the color by 10%, you get **95.6510, 19.8921, 59.9421**, and if you desaturate by 10%, it is **115.3470, 14.1259, 42.6687**.

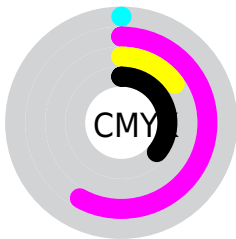
Distribution



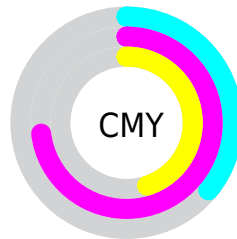
- Red (64%)
- Green (27%)
- Blue (55%)



- Red (64%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)
- Black (36%)




- Cyan (36%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.4990, 17.0090, 51.3054 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 105.4990, 17.0090, 51.3054 by changing the saturation by 10% instead.


 105.4990, 17.0090,
51.3054


 105.4990, 17.0090,
51.3054


255.0000, 0.0000,
0.0000


 78.3140, 17.5932,
50.5906


 159.8090, 16.8562,
53.6645


 48.1340, 20.6399,
53.3795

 187.8200, 16.8507,
55.4089

 32.3410, 16.5939,
44.4279

 208.6440, 20.3885,
40.6542

 22.3580, 10.6695,
31.2580

 225.6500, 14.4696,
25.7400

 12.1900, 5.3293,
17.3734

 242.6730, 6.0772,
10.8108

 0.0000, 0.0000,
0.0000

105.4990, 17.0090,
51.3054

105.4990, 17.0090,
51.3054

95.6510, 19.8921,
59.9421

115.3470, 14.1259,
42.6687

85.2160, 23.0645,
69.0936

125.7820, 10.9535,
33.5172

75.3680, 25.9476,
77.7303

135.6300, 8.0704,
24.8805

64.8190, 28.6832,
86.9817

146.1790, 5.3348,
15.6290

63.0580, 29.5514,
88.5261

156.0270, 2.4517,
6.9923

165.8750, -0.4314,
-1.6444

176.3100, -3.6038,
-10.7959

186.1580, -6.4869,

-19.4326

■ 196.5930, -9.6593,
-28.5841

Harmonies

Analogous

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



107.4750, 33.2898, 9.2304



105.4990, 17.0090, 51.3054



100.6960, -1.8221, 71.3036

Triad

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



105.4990, 17.0090, 51.3054



97.2050, -47.9221, 17.3602



90.5720, 32.2560, -79.4316

Complementary

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



105.4990, 17.0090, 51.3054



127.5010, -17.0090, -51.3054

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.



86.2570, 13.1843, -75.6474



105.4990, 17.0090, 51.3054



92.9860, -32.5311, -19.2817

Square

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



105.4990, 17.0090, 51.3054



100.6290, -40.7361, 45.9294



79.9530, -5.8928, -70.1188



90.2420, 46.2227, -79.1422

Rectangle

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



105.4990, 17.0090, 51.3054



100.4280, -15.4940, 69.7846



79.9530, -5.8928, -70.1188



89.6770, 26.2882, -78.6467

Sweetspot

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



105.4990, 17.0090, 51.3054



191.8420, 6.4869, 19.4326



87.0060, 37.9580, 5.2567



94.1030, 3.8932, 11.3107



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



105.4990, 17.0090, 51.3054



121.6180, 26.8103, 81.0190



100.1410, -3.5205, 56.0043



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Inverse Universe

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



105.4990, 17.0090, 51.3054



121.6180, 26.8103, 81.0190



132.8590, 3.5205, -56.0043



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 105.4990, 17.0090, 51.3054 looks on a white background.

Color Contrast Check

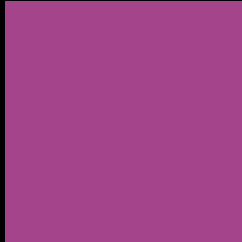
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.4990, 17.0090, 51.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

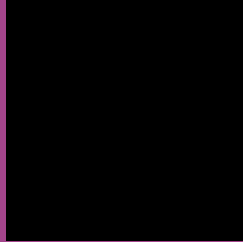
Any Text WCAG AA × Fail

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 105.4990, 17.0090, 51.3054 Background



This preview shows how black text looks on a background with the YUV color 105.4990, 17.0090, 51.3054.



This preview shows how white text looks on a background with the YUV color 105.4990, 17.0090,

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

105.4990, 17.0090, 51.3054

Protanopia

103.7180, 31.1980, -19.9237

Deuteranopia

105.6370, 13.9830, -4.9436



Tritanopia

105.7070, -8.7296, 46.7380

Trichromacy



Original Color

105.4990, 17.0090, 51.3054

Protanomaly

104.5040, 25.8805, 5.6970

Deuteranomaly

105.6980, 14.9389, 15.1739

Tritanomaly

105.5360, 0.7218, 48.6419

Monochromacy



Original Color

105.4990, 17.0090, 51.3054

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1300, 6.3449, 18.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.4990, 17.0090, 51.3054 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(164, 69, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 69, 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(164, 69, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 69, 140) }
```

Border

The CSS property to change the border of an element to YUV 105.4990, 17.0090, 51.3054 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(164, 69, 140) }
```


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

```
.border{ border-color:rgb(164, 69, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 69, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 69, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 69, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 69,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 105.4990, 17.0090, 51.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 69, 140) }
```

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

```
.background{ background-color: rgb(164, 69,  
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](#).

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