

Converting Colors

YUV(107.2590, 21.0713,
55.0239)

Have a look what the booklet for
YUV(107.2590, 21.0713, 55.0239)
contains.

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Color

**YUV(107.2590, 21.0713,
55.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	AA4396
RGB	170, 67, 150
RGB Percent	67%, 26%, 59%
CMY	0.3333, 0.7373, 0.4118
CMYK	0.00, 0.61, 0.12, 0.33
HSL	312°, 43%, 46%
HSV	312°, 61%, 67%
XYZ	24.0897, 14.7624, 30.4339
YIQ	107.2590, 34.7450, 47.6490

Conversions

Conversions Part 2

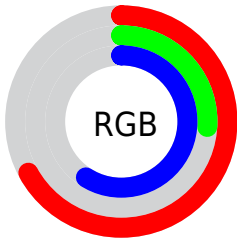
Format	Color
R_{YB}	170, 67, 150
Decimal	11158422
CIE _{Lab}	45.31, 52.17, -25.06
CIE _{LCh}	45, 57.877, 334.338
Yxy	14.7624, 0.3477, 0.2131
Android (android.graphics.Color)	4289348502 (0xFFAA4396)
YUV	107.2590, 21.0713, 55.0239
Hunter-Lab	38.4218, 44.6779, -20.0683

Details

The YUV color **107.2590, 21.0713, 55.0239** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **129.7410, -21.0713, -55.0239**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4550, 20.4817, 57.4830**, and **45.6710, 26.2912, 60.8015** is the 20% darker color. If you saturate the color by 10%, you get **96.9380, 24.6806, 64.0754**, and if you desaturate by 10%, it is **117.5800, 17.4621, 45.9723**.

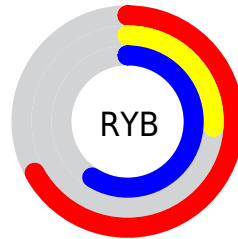
Distribution



Red (67%)

Green (26%)

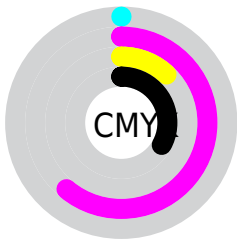
Blue (59%)



Red (67%)

Yellow (26%)

Blue (59%)

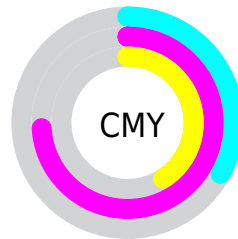


Cyan (0%)

Magenta (61%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (74%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2590, 21.0713, 55.0239 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 107.2590, 21.0713, 55.0239 by changing the saturation by 10% instead.


 107.2590, 21.0713,
55.0239


 107.2590, 21.0713,
55.0239


255.0000, 0.0000,
0.0000


 79.4870, 21.9449,
54.8239


 162.4550, 20.4817,
57.4830


 45.6710, 26.2912,
60.8015


 189.6830, 21.3553,
57.2830

 34.8620, 19.7880,
46.6020

 208.6270, 22.8619,
40.6691

 24.4660, 13.5743,
32.9173

 225.0630, 14.7589,
26.2547

 14.7820, 7.5025,
20.3622

 242.0860, 6.3666,
11.3256

 0.0000, 0.0000,
0.0000

■ 107.2590, 21.0713,
55.0239

■ 107.2590, 21.0713,
55.0239

■ 96.9380, 24.6806,
64.0754

■ 117.5800, 17.4621,
45.9723

■ 86.5030, 27.8530,
73.2269

■ 128.0150, 14.2896,
36.8208

■ 76.1820, 31.4623,
82.2784

■ 138.3360, 10.6804,
27.7693

■ 66.4480, 34.7821,
90.8151

■ 148.6570, 7.0711,
18.7178


■ 159.0920, 3.8986,
9.5663

■ 169.4130, 0.2894,
0.5148

■ 179.7340, -3.3199,
-8.5367

■ 190.0550, -6.9291,

-17.5882

 200.4900,
-10.1016, -26.7397

Harmonies

Analogous

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



109.2340, 38.8316, 5.0568



107.2590, 21.0713, 55.0239



100.7340, 0.6241, 80.0403

Triad

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



107.2590, 21.0713, 55.0239



99.5860, -49.0959, 20.5341



93.4900, 33.2824, -81.9907

Complementary

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



107.2590, 21.0713, 55.0239



129.7410, -21.0713, -55.0239

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.



88.6050, 12.0267, -77.7066



107.2590, 21.0713, 55.0239



93.4070, -41.1197, -17.8969

Square

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



107.2590, 21.0713, 55.0239



101.4790, -46.5781, 53.0769



81.1440, -8.9450, -71.1633



94.3170, 49.1437, -82.7160

Rectangle

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



107.2590, 21.0713, 55.0239



100.4230, -14.5055, 79.4360



81.1440, -8.9450, -71.1633



92.3670, 26.4411, -81.0059

Sweetspot

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



107.2590, 21.0713, 55.0239



197.6080, 8.0813, 21.3918



84.4230, 42.1895, 1.3830



97.3420, 4.7614, 12.8551



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.2590, 21.0713, 55.0239



123.2580, 32.9038, 86.5967



101.5590, -0.7686, 60.0228



79.1900, 1.8783, 4.2184



57.8180, 30.1627, 79.0896



7.8040, 4.0406, 10.6959

Inverse Universe

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



107.2590, 21.0713, 55.0239



123.2580, 32.9038, 86.5967



135.4410, 0.7686, -60.0228



79.1900, 1.8783, 4.2184



57.8180, 30.1627, 79.0896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 107.2590, 21.0713, 55.0239 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 107.2590, 21.0713, 55.0239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

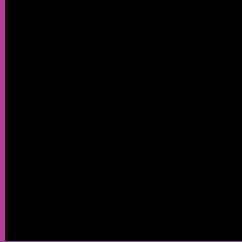
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2590, 21.0713, 55.0239

Background



This preview shows how black text looks on a background with the YUV color 107.2590, 21.0713, 55.0239.



This preview shows how white text looks on a background with the YUV color 107.2590, 21.0713, 55.0239.

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

107.2590, 21.0713, 55.0239

Protanopia

105.1070, 37.9082, -25.5268

Deuteranopia

108.2390, 17.6302, -8.1026



Tritanopia

107.9030, -9.3192, 49.1971

Trichromacy



Original Color

107.2590, 21.0713, 55.0239

Protanomaly

105.6870, 31.7063, 3.7825

Deuteranomaly

108.0230, 18.7227, 14.8888

Tritanomaly

107.4870, 1.7319, 51.3159

Monochromacy



Original Color

107.2590, 21.0713, 55.0239

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8960, 7.9393, 20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2590, 21.0713, 55.0239 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(170, 67, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 67, 150)  
}
```

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(170, 67, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 67, 150) }
```

Border

The CSS property to change the border of an element to YUV 107.2590, 21.0713, 55.0239 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(170, 67, 150) }
```


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

```
.border{ border-color:rgb(170, 67, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 67, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 67, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 67, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 67,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 107.2590, 21.0713, 55.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 67, 150) }
```

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

```
.background{ background-color: rgb(170, 67,  
150) }
```

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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