

Converting Colors

YUV(74.3070, 45.2046, 61.1208)

Have a look what the booklet for
YUV(74.3070, 45.2046, 61.1208)
contains.

YUV(74.3070, 45.2046, 61.1208)	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>	31

Color

**YUV(74.3070, 45.2046,
61.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	9015A6
RGB	144, 21, 166
RGB Percent	56%, 8%, 65%
CMY	0.4353, 0.9176, 0.3490
CMYK	0.13, 0.87, 0.00, 0.35
HSL	291°, 78%, 37%
HSV	291°, 87%, 65%
XYZ	18.6527, 9.2188, 36.8727
YIQ	74.3070, 26.7630, 71.1710

Conversions

Conversions Part 2

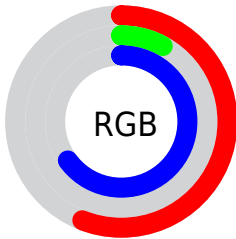
Format	Color
R_{YB}	144, 21, 166
Decimal	9442726
CIE _{Lab}	36.40, 64.69, -49.06
CIE _{LCh}	36, 81.187, 322.826
Yxy	9.2188, 0.2881, 0.1424
Android (android.graphics.Color)	4287632806 (0xFF9015A6)
YUV	74.3070, 45.2046, 61.1208
Hunter-Lab	30.3625, 56.5243, -50.7490

Details

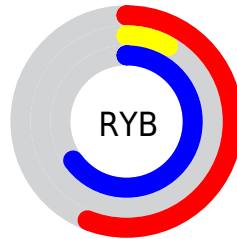
The YUV color **74.3070, 45.2046, 61.1208** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **112.6930, -45.2046, -61.1208**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3020, 42.7421, 57.6171**, and **39.1940, 36.3864, 42.8029** is the 20% darker color. If you saturate the color by 10%, you get **63.4310, 50.5665, 68.0280**, and if you desaturate by 10%, it is **85.1830, 39.8428, 54.2135**.

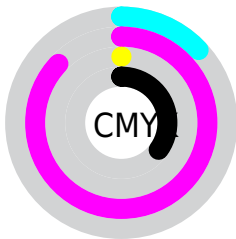
Distribution



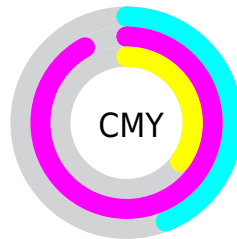
- Red (56%)
- Green (8%)
- Blue (65%)



- Red (56%)
- Yellow (8%)
- Blue (65%)



- Cyan (13%)
- Magenta (87%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (92%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3070, 45.2046, 61.1208 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 74.3070, 45.2046, 61.1208 by changing the saturation by 10% instead.

74.3070, 45.2046,
61.1208

74.3070, 45.2046,
61.1208

255.0000, 0.0000,
0.0000

50.5300, 43.6157,
57.4172

135.3020, 42.7421,
57.6171

39.1940, 36.3864,
42.8029

164.0140, 42.8841,
58.7467

28.2710, 29.4464,
28.7033

188.0820, 32.9906,
58.6871

17.7610, 22.7958,
15.1186

205.1050, 24.5982,
43.7579

4.6740, 17.9087,
-4.0991

221.5410, 16.4953,
29.3435

2.6390, 7.5730,
-2.3144

239.1510, 7.8136,

0.0000, 0.0000,

13.8996

0.0000

■ 74.3070, 45.2046,
61.1208

■ 74.3070, 45.2046,
61.1208

■ 63.4310, 50.5665,
68.0280

■ 85.1830, 39.8428,
54.2135

■ 61.0830, 51.7241,
70.0872

■ 95.1730, 34.9177,
47.2063

■ 106.0490, 29.5558,
40.2990

■ 116.0390, 24.6308,
33.2918

■ 126.9150, 19.2689,
26.3845

■ 137.4920, 14.0544,
18.8625

■ 147.7810, 8.9820,
12.4701

■ 158.3580, 3.7675,
4.9480

■ 168.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



68.4380, 69.2971, -60.0201



74.3070, 45.2046, 61.1208



67.7690, 17.8619, 104.5656

Triad

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



74.3070, 45.2046, 61.1208



81.0680, -39.9665, 32.3894



80.5470, 26.8453, -70.6397

Complementary

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



74.3070, 45.2046, 61.1208



112.6930, -45.2046, -61.1208

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.



71.6210, -2.2782, -62.8116



74.3070, 45.2046, 61.1208



73.6830, -36.3257, -15.5080

Square

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



74.3070, 45.2046, 61.1208



71.3420, -35.1716, 81.2611



61.6350, -30.3861, -54.0539



85.7570, 51.8848, -75.2089

Rectangle

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



74.3070, 45.2046, 61.1208



64.7750, -1.3681, 112.4533



61.6350, -30.3861, -54.0539



77.4520, 17.5252, -67.9254

Sweetspot

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



74.3070, 45.2046, 61.1208



180.8500, 17.8220, 23.8106



51.6180, 56.3903, -26.8520



88.2480, 10.7237, 13.8145



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.



74.3070, 45.2046, 61.1208



79.7540, 67.6623, 91.4237



75.4130, 20.9954, 79.4448



79.0050, 2.4625, 3.5036



54.2470, 46.2202, 62.0504



7.3630, 6.2300, 8.4516

Inverse Universe

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



66.8630, -11.7645, 86.9431



68.6450, -17.5730, 130.1073



111.5870, -20.9954, -79.4448



78.5060, -0.7425, 4.8182



46.7600, -12.2067, 88.7875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 74.3070, 45.2046, 61.1208 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 74.3070, 45.2046, 61.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

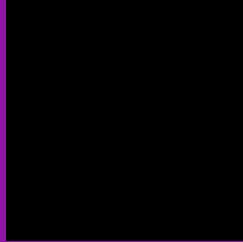
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3070, 45.2046, 61.1208

Background



This preview shows how black text looks on a background with the YUV color 74.3070, 45.2046, 61.1208.



This preview shows how white text looks on a background with the YUV color 74.3070, 45.2046,

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

74.3070, 45.2046, 61.1208

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

74.5120, 40.1736, -52.1920



Tritanopia

87.0050, -7.3975, 39.4606

Trichromacy



Original Color

74.3070, 45.2046, 61.1208

Protanomaly

71.1910, 50.6848, -16.8305

Deuteranomaly

74.3460, 42.2274, -10.8274

Tritanomaly

82.0980, 11.7837, 47.2721

Monochromacy



Original Color

74.3070, 45.2046, 61.1208

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0840, 16.2276, 21.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3070, 45.2046, 61.1208 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(144, 21, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 21, 166)  
}
```

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(144, 21, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 21, 166) }
```

Border

The CSS property to change the border of an element to YUV 74.3070, 45.2046, 61.1208 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(144, 21, 166) }
```


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

```
.border{ border-color:rgb(144, 21, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 21, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 21, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 21, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 21,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 74.3070, 45.2046, 61.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 21, 166) }
```

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

```
.background{ background-color: rgb(144, 21,  
166) }
```

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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