

Converting Colors

YUV(90.3710, 14.6071, 75.0966)

Have a look what the booklet for
YUV(90.3710, 14.6071, 75.0966)
contains.

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Color

**YUV(90.3710, 14.6071,
75.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	B02978
RGB	176, 41, 120
RGB Percent	69%, 16%, 47%
CMY	0.3098, 0.8392, 0.5294
CMYK	0.00, 0.77, 0.32, 0.31
HSL	325°, 62%, 43%
HSV	325°, 77%, 69%
XYZ	22.0876, 12.1720, 18.9546
YIQ	90.3710, 55.1010, 53.1890

Conversions

Conversions Part 2

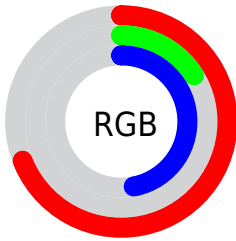
Format	Color
R _Y B	176, 41, 120
Decimal	11544952
CIE _{Lab}	41.49, 59.61, -12.56
CIE _{LCh}	41, 60.916, 348.106
Y _{xy}	12.1720, 0.4151, 0.2287
Android (android.graphics.Color)	4289735032 (0xFFB02978)
YUV	90.3710, 14.6071, 75.0966
Hunter-Lab	34.8885, 51.9521, -7.7898

Details

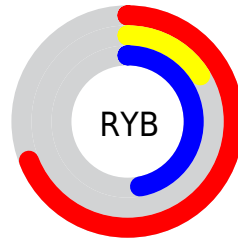
The YUV color **90.3710, 14.6071, 75.0966** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **126.6290, -14.6071, -75.0966**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5730, 11.5495, 75.7965**, and **43.6750, 13.4712, 66.0600** is the 20% darker color. If you saturate the color by 10%, you get **79.0070, 16.7585, 85.0629**, and if you desaturate by 10%, it is **101.7350, 12.4556, 65.1304**.

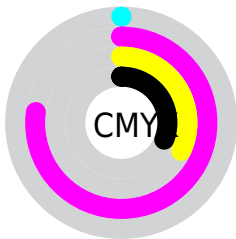
Distribution



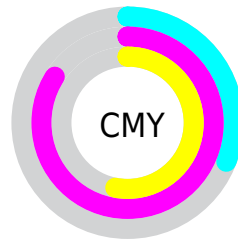
- Red (69%)
- Green (16%)
- Blue (47%)



- Red (69%)
- Yellow (16%)
- Blue (47%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3710, 14.6071, 75.0966 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 90.3710, 14.6071, 75.0966 by changing the saturation by 10% instead.

■ 90.3710, 14.6071,
75.0966

■ 90.3710, 14.6071,
75.0966

■ 255.0000, 0.0000,
0.0000

■ 54.7830, 19.8270,
80.8743

■ 148.5730, 11.5495,
75.7965

■ 43.6750, 13.4712,
66.0600

■ 174.1810, 12.7288,
70.8783

■ 32.7950, 7.9891,
51.0458

■ 193.8090, 16.8562,
53.6645

■ 22.6270, 2.6489,
37.1611

■ 213.9100, 20.2574,
36.0359

■ 11.1770, -5.0173,
22.6468

■ 230.9330, 11.8650,
21.1068

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.4727,

6.1776

■ 90.3710, 14.6071,
75.0966

■ 90.3710, 14.6071,
75.0966

■ 79.0070, 16.7585,
85.0629

■ 101.7350, 12.4556,
65.1304

■ 68.1160, 18.1838,
94.6143

■ 112.6260, 11.0304,
55.5790

■ 64.3660, 19.0466,
97.9030

■ 123.9900, 8.8789,
45.6128

■ 134.7670, 7.0169,
36.1613

■ 146.2450, 5.3022,
26.0951

■ 157.6090, 3.1508,
16.1289

■ 168.3860, 1.2887,
6.6775

■ 179.7500, -0.8627,
-3.2887

■ 190.6410, -2.2880,
-12.8402

Harmonies

Analogous

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



99.8030, 32.6351, 32.6218



90.3710, 14.6071, 75.0966



86.4760, -8.1227, 85.5285

Triad

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



90.3710, 14.6071, 75.0966



88.8440, -43.8001, 1.8908



88.8740, 40.9811, -77.9425

Complementary

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



90.3710, 14.6071, 75.0966



126.6290, -14.6071, -75.0966

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.



85.0320, 21.1832, -74.5731



90.3710, 14.6071, 75.0966



72.9000, -25.5867, -53.4093

Square

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



90.3710, 14.6071, 75.0966



92.0210, -45.3664, 37.6926



78.4030, -1.6777, -68.7594



87.0280, 54.2162, -76.3236

Rectangle

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



90.3710, 14.6071, 75.0966



89.8280, -25.5512, 75.5728



78.4030, -1.6777, -68.7594



87.9790, 35.0134, -77.1576

Sweetspot

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



90.3710, 14.6071, 75.0966



196.3810, 5.7282, 29.4839



72.5360, 51.0078, 19.7009



94.6200, 3.1453, 17.8733



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.3710, 14.6071, 75.0966



95.5240, 22.9127, 117.9355



82.9610, -13.7848, 81.5952



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Inverse Universe

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



90.3710, 14.6071, 75.0966



95.5240, 22.9127, 117.9355



134.1530, 14.2216, -81.6952



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 90.3710, 14.6071, 75.0966 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 90.3710, 14.6071, 75.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

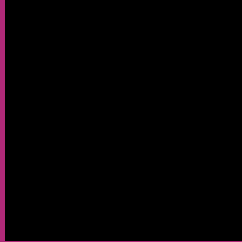
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3710, 14.6071, 75.0966

Background



This preview shows how black text looks on a background with the YUV color 90.3710, 14.6071, 75.0966.



This preview shows how white text looks on a background with the YUV color 90.3710, 14.6071,

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

90.3710, 14.6071, 75.0966

Protanopia

97.6040, 30.7612, -19.8237

Deuteranopia

99.7320, 6.5411, 1.9890



Tritanopia

93.1290, -15.3466, 69.1699

Trichromacy



Original Color

90.3710, 14.6071, 75.0966

Protanomaly

95.2170, 24.5430, 14.7187

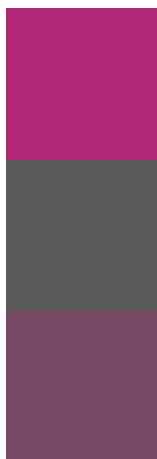
Deuteranomaly

96.4070, 9.6593, 28.5841

Tritanomaly

91.7130, -4.2955, 71.2887

Monochromacy



Original Color

90.3710, 14.6071, 75.0966

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9570, 5.4442, 27.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3710, 14.6071, 75.0966 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(176, 41, 120)` looks like.

```
.text, #text, p{  
    color:rgb(176, 41, 120)  
}
```

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(176, 41, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 41, 120) }
```

Border

The CSS property to change the border of an element to YUV 90.3710, 14.6071, 75.0966 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(176, 41, 120) }
```


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

```
.border{ border-color:rgb(176, 41, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 41, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 41, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 41, 120);  
box-shadow:4px 4px 4px 4px rgb(176, 41,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 90.3710, 14.6071, 75.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 41, 120) }
```

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

```
.background{ background-color: rgb(176, 41,  
120) }
```

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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