

Converting Colors

YUV(166.2390, 14.6722,
54.1644)

Have a look what the booklet for
YUV(166.2390, 14.6722, 54.1644)
contains.

YUV(166.2390, 14.6722, 54.1644)	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(166.2390, 14.6722,
54.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	E481C4
RGB	228, 129, 196
RGB Percent	89%, 51%, 77%
CMY	0.1059, 0.4941, 0.2314
CMYK	0.00, 0.43, 0.14, 0.11
HSL	319°, 65%, 70%
HSV	319°, 43%, 89%
XYZ	49.8090, 36.1800, 56.5828
YIQ	166.2390, 37.4970, 41.8250

Conversions

Conversions Part 2

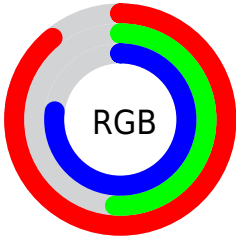
Format	Color
RYB	228, 129, 196
Decimal	14975428
CIELab	66.66, 46.83, -18.28
CIELCh	67, 50.273, 338.675
Yxy	36.1800, 0.3494, 0.2538
Android (android.graphics.Color)	4293165508 (0xFFE481C4)
YUV	166.2390, 14.6722, 54.1644
Hunter-Lab	60.1498, 42.5504, -13.6691

Details

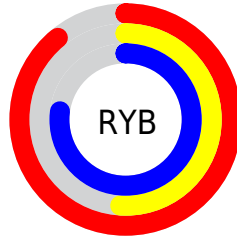
The YUV color **166.2390, 14.6722, 54.1644** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **190.7610, -14.6722, -54.1644**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0950, 19.6732, 36.7507**, and **111.9290, 14.8250, 51.8053** is the 20% darker color. If you saturate the color by 10%, you get **151.9400, 18.2706, 66.7046**, and if you desaturate by 10%, it is **180.5380, 11.0738, 41.6242**.

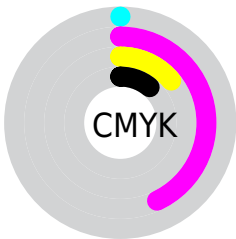
Distribution



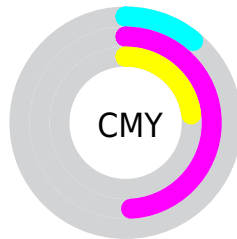
- Red (89%)
- Green (51%)
- Blue (77%)



- Red (89%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.2390, 14.6722, 54.1644 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 166.2390, 14.6722, 54.1644 by changing the saturation by 10% instead.


 166.2390, 14.6722,
54.1644


 166.2390, 14.6722,
54.1644


255.0000, 0.0000,
0.0000


 138.6410, 14.9670,
52.9348


 213.0950, 19.6732,
36.7507


 111.9290, 14.8250,
51.8053


 229.7590, 12.4438,
22.1364

 85.4450, 15.5566,
50.4757

 246.7820, 4.0515,
7.2072

 56.9120, 17.2984,
51.8202

 34.3630, 16.5830,
47.9166

 24.0810, 10.8061,
34.1320

 14.8100, 5.0237,

22.0916

■ 0.0000, 0.0000,
0.0000

■ 166.2390, 14.6722,
54.1644

■ 166.2390, 14.6722,
54.1644

■ 151.9400, 18.2706,
66.7046

■ 180.5380, 11.0738,
41.6242

■ 137.5270, 21.4322,
79.3448

■ 194.9510, 7.9122,
28.9840

■ 123.8150, 24.7412,
91.3702

■ 208.6630, 4.6031,
16.9585

■ 109.5160, 28.3396,
103.9105

■ 222.9620, 1.0047,
4.4183

■ 95.1030, 31.5012,
116.5507

■ 237.3750, -2.1569,
-8.2219

■ 85.7280, 33.6581,
124.7725

■ 245.2170, -2.5720,
-15.0993

■ 246.1290, 0.9224,
-15.8991

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



166.3940, 32.8368, 14.5635



166.2390, 14.6722, 54.1644



163.2680, -6.0481, 73.4330

Triad

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



166.2390, 14.6722, 54.1644



156.7580, -43.2647, 16.8752



132.1590, 41.8266, -115.9034

Complementary

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



166.2390, 14.6722, 54.1644



190.7610, -14.6722, -54.1644

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.



128.4310, 22.4655, -112.6340



166.2390, 14.6722, 54.1644



151.4310, -30.7785, -21.4260

Square

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



166.2390, 14.6722, 54.1644



159.9390, -40.8889, 48.2885



139.6540, -5.7454, -70.7336



131.3560, 56.5195, -115.1992

Rectangle

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



166.2390, 14.6722, 54.1644



162.1850, -20.3042, 72.6288



139.6540, -5.7454, -70.7336



131.2640, 35.8588, -115.1185

Sweetspot

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



166.2390, 14.6722, 54.1644



234.3750, 4.7451, 18.0881



149.5550, 38.6734, 9.1603



114.8750, 3.0196, 11.5106



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.2390, 14.6722, 54.1644



172.0270, 19.7067, 72.7673



160.6530, -6.7309, 59.0633



107.5000, 1.7255, 6.5775



67.3150, 26.4667, 97.9477



19.2390, 7.7702, 27.8544

Inverse Universe

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



166.2390, 14.6722, 54.1644



172.0270, 19.7067, 72.7673



196.3470, 6.7309, -59.0633



107.5000, 1.7255, 6.5775



67.3150, 26.4667, 97.9477



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 166.2390, 14.6722, 54.1644 looks on a white background.

Color Contrast Check

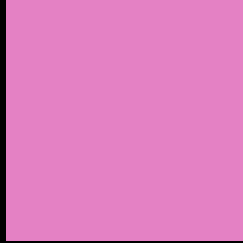
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.2390, 14.6722, 54.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

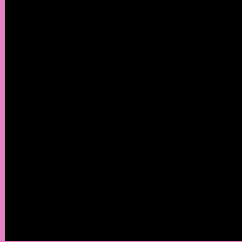
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2390, 14.6722, 54.1644 Background



This preview shows how black text looks on a background with the YUV color 166.2390, 14.6722, 54.1644.



This preview shows how white text looks on a background with the YUV color 166.2390, 14.6722, 54.1644.

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

166.2390, 14.6722, 54.1644

Protanopia

163.0130, 27.1086, -14.9204

Deuteranopia

164.4420, 13.0931, 0.4894



Tritanopia

165.2560, -8.0142, 50.6415

Trichromacy



Original Color

166.2390, 14.6722, 54.1644



Protanomaly

164.0270, 22.6647, 10.5003



Deuteranomaly

165.0900, 13.7596, 20.0921



Tritanomaly

165.4440, 0.2741, 52.2306

Monochromacy



Original Color

166.2390, 14.6722, 54.1644



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.5000, 5.1765, 19.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2390, 14.6722, 54.1644 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(228, 129, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 129, 196)  
}
```

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(228, 129, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 129, 196) }
```

Border

The CSS property to change the border of an element to YUV 166.2390, 14.6722, 54.1644 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(228, 129, 196) }
```


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

```
.border{ border-color:rgb(228, 129, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 129, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 129, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 129, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 129,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 166.2390, 14.6722, 54.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 129, 196) }
```

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

```
.background{ background-color: rgb(228,  
129, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor