

Converting Colors

YUV(89.3980, 14.1008,
144.3560)

Have a look what the booklet for
YUV(89.3980, 14.1008, 144.3560)
contains.

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Color

**YUV(89.3980, 14.1008,
144.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	FE0076
RGB	254, 0, 118
RGB Percent	100%, 0%, 46%
CMY	0.0039, 1.0000, 0.5373
CMYK	0.00, 1.00, 0.54, 0.00
HSL	332°, 100%, 50%
HSV	332°, 100%, 100%
XYZ	44.1431, 22.3788, 19.1325
YIQ	89.3980, 113.5060, 90.5460

Conversions

Conversions Part 2

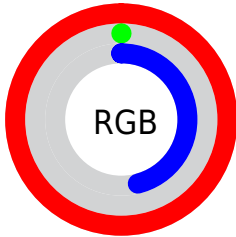
Format	Color
R_{YB}	254, 0, 118
Decimal	16646262
CIE _{Lab}	54.43, 83.65, 9.40
CIE _{LCh}	54, 84.172, 6.415
Yxy	22.3788, 0.5154, 0.2613
Android (android.graphics.Color)	4294836342 (0xFFFE0076)
YUV	89.3980, 14.1008, 144.3560
Hunter-Lab	47.3063, 83.7783, 9.1352

Details

The YUV color **89.3980, 14.1008, 144.3560** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **164.6020, -14.1008, -144.3560**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7380, 8.0172, 88.8068**, and **64.7900, 2.5685, 109.8092** is the 20% darker color. If you saturate the color by 10%, you get **89.3980, 14.1008, 144.3560**, and if you desaturate by 10%, it is **105.6690, 12.9812, 130.0863**.

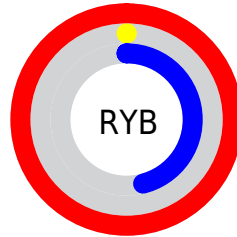
Distribution



Red (100%)

Green (0%)

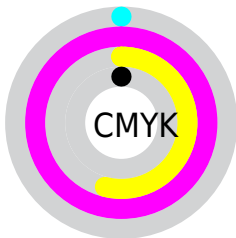
Blue (46%)



Red (100%)

Yellow (0%)

Blue (46%)

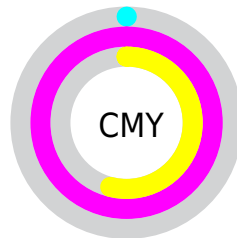


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3980, 14.1008, 144.3560 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 89.3980, 14.1008, 144.3560 by changing the saturation by 10% instead.

 89.3980, 14.1008,
144.3560


 89.3980, 14.1008,
144.3560


255.0000, 0.0000,
0.0000


 77.0940, 8.3347,
127.0826


 153.7380, 8.0172,
88.8068


 64.7900, 2.5685,
109.8092


 175.6000, 10.5502,
69.6338


 52.8280, -1.8872,
92.2358


 196.9890, 13.8094,
50.8756

 41.2790, -6.0535,
75.1773

 217.7910, 17.3580,
32.6323

 29.1600, -12.4039,
58.6187

 236.2160, 9.2605,
16.4736

 19.7770, -8.2711,
39.6606

254.4130, 0.2894,

 9.0840, -3.9854,

0.5148

18.3433

■ 0.0000, 0.0000,
0.0000

■ 89.3980, 14.1008,
144.3560

■ 105.6690, 12.9812,
130.0863

■ 122.4130, 11.1354,
115.4018

■ 138.6840, 10.0158,
101.1321

■ 155.4280, 8.1700,
86.4476

■ 171.6990, 7.0504,
72.1780

■ 187.9700, 5.9308,
57.9083

■ 204.7140, 4.0850,
43.2238

■ 220.9850, 2.9654,
28.9542

■ 237.7290, 1.1196,
14.2697

Harmonies

Analogous

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



119.7580, 34.6293, 93.1742



89.3980, 14.1008, 144.3560



113.2350, -32.6539, 113.8039

Triad

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



89.3980, 14.1008, 144.3560



105.7020, -52.1111, -39.2037



118.8810, 67.1067, -104.2586

Complementary

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



89.3980, 14.1008, 144.3560



164.6020, -14.1008, -144.3560

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.



118.5440, 48.0458, -103.9631



89.3980, 14.1008, 144.3560



99.7970, -16.1689, -87.5220

Square

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



89.3980, 14.1008, 144.3560



120.5400, -59.4262, 20.5744



110.9230, 16.3070, -97.2795



108.3150, 72.3157, -94.9923

Rectangle

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



89.3980, 14.1008, 144.3560



118.5990, -58.4693, 87.1747



110.9230, 16.3070, -97.2795



120.3000, 64.9281, -105.5031

Sweetspot

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



89.3980, 14.1008, 144.3560



205.7140, 4.0850, 43.2238



69.3210, 91.0467, 57.6005



98.1480, 2.3920, 26.1802



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.



89.3980, 14.1008, 144.3560



89.6970, 13.9534, 144.9707



80.6420, -39.7565, 152.0350



119.5710, 0.7045, 7.3922



67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Inverse Universe

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



89.3980, 14.1008, 144.3560



89.6970, 13.9534, 144.9707



173.3580, 39.7565, -152.0350



119.5710, 0.7045, 7.3922



67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 89.3980, 14.1008, 144.3560 looks on a white background.

Color Contrast Check

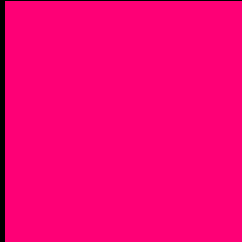
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 89.3980, 14.1008, 144.3560 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 × Fail

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

YUV 89.3980, 14.1008, 144.3560

Background



This preview shows how black text looks on a background with the YUV color 89.3980, 14.1008, 144.3560.



This preview shows how white text looks on a background with the YUV color 89.3980, 14.1008,

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

89.3980, 14.1008, 144.3560

Protanopia

131.9830, 19.2354, -9.6321

Deuteranopia

131.9070, -12.2792, 18.4986



Tritanopia

107.8820, -30.5078, 125.5145

Trichromacy



Original Color

89.3980, 14.1008, 144.3560



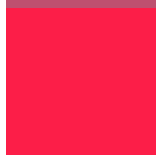
Protanomaly

116.5800, 17.4621, 45.9723



Deuteranomaly

116.4240, -2.6740, 64.5262



Tritanomaly

101.1660, -14.3788, 132.2814

Monochromacy



Original Color

89.3980, 14.1008, 144.3560



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.4100, 5.2209, 52.2604

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3980, 14.1008, 144.3560 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(254, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 118)  
}
```

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(254, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 118) }
```

Border

The CSS property to change the border of an element to YUV 89.3980, 14.1008, 144.3560 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(254, 0, 118) }
```


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

```
.border{ border-color:rgb(254, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 89.3980, 14.1008, 144.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 118) }
```

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

```
.background{ background-color: rgb(254, 0,  
118) }
```

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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