

Converting Colors

YUV(114.7780, 0.6024, 87.0177)

Have a look what the booklet for
YUV(114.7780, 0.6024, 87.0177)
contains.

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Color

**YUV(114.7780, 0.6024,
87.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	D64074
RGB	214, 64, 116
RGB Percent	84%, 25%, 45%
CMY	0.1608, 0.7490, 0.5451
CMYK	0.00, 0.70, 0.46, 0.16
HSL	339°, 65%, 55%
HSV	339°, 70%, 84%
XYZ	32.7173, 19.2239, 18.5092
YIQ	114.7780, 72.7080, 47.9720

Conversions

Conversions Part 2

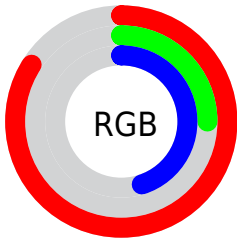
Format	Color
R_{YB}	214, 64, 116
Decimal	14041204
CIE _{Lab}	50.95, 61.85, 4.64
CIE _{LCh}	51, 62.019, 4.287
Yxy	19.2239, 0.4644, 0.2729
Android (android.graphics.Color)	4292231284 (0xFFD64074)
YUV	114.7780, 0.6024, 87.0177
Hunter-Lab	43.8451, 56.4685, 5.6623

Details

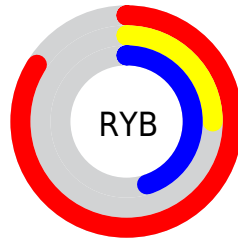
The YUV color **114.7780, 0.6024, 87.0177** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **163.2220, -0.6024, -87.0177**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0110, 0.4876, 77.1664**, and **53.7980, 7.0016, 87.8772** is the 20% darker color. If you saturate the color by 10%, you get **100.8550, 0.5645, 99.2282**, and if you desaturate by 10%, it is **128.7010, 0.6404, 74.8072**.

Distribution



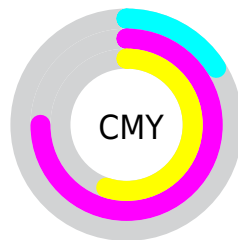
- Red (84%)
- Green (25%)
- Blue (45%)



- Red (84%)
- Yellow (25%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.7780, 0.6024, 87.0177 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 114.7780, 0.6024, 87.0177 by changing the saturation by 10% instead.


 114.7780, 0.6024,
87.0177

 114.7780, 0.6024,
87.0177

255.0000, 0.0000,
0.0000

 83.1140, 4.3808,
88.4770


 167.0110, 0.4876,
77.1664


 53.7980, 7.0016,
87.8772


 186.5250, 4.1782,
60.0526


 42.3200, 1.8142,
71.6334


 206.7400, 8.0162,
42.3240

 31.3690, -2.6469,
55.8044

 226.9550, 11.8542,
24.5955

 20.9730, -8.8607,
42.1197

 244.4340, 5.2090,
9.2664

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 114.7780, 0.6024,
87.0177

■ 114.7780, 0.6024,
87.0177

■ 100.8550, 0.5645,
99.2282

■ 128.7010, 0.6404,
74.8072

■ 86.3450, 0.8159,
111.9534

■ 143.2110, 0.3890,
62.0820

■ 72.4220, 0.7780,
124.1639

■ 157.1340, 0.4269,
49.8715

■ 171.6440, 0.1755,
37.1462

■ 185.5670, 0.2135,
24.9357

■ 199.4900, 0.2514,
12.7253

■ 214.0000, 0.0000,
0.0000

■ 227.9230, 0.0380,
-12.2105

■ 241.2590, 0.3653,
-23.9061

Harmonies

Analogous

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



121.7480, 22.8022, 59.8570



114.7780, 0.6024, 87.0177



115.1000, -24.6993, 82.3503

Triad

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



114.7780, 0.6024, 87.0177



106.2990, -44.0244, -19.5562



106.3310, 54.5598, -93.2523

Complementary

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



114.7780, 0.6024, 87.0177



163.2220, -0.6024, -87.0177

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.



105.6350, 36.6619, -92.6419



114.7780, 0.6024, 87.0177



91.6760, -9.2073, -80.3999

Square

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



114.7780, 0.6024, 87.0177



112.5880, -55.5059, 23.1633



99.7070, 13.9484, -87.4430



99.3670, 63.4161, -87.1449

Rectangle

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



114.7780, 0.6024, 87.0177



115.7610, -40.8012, 66.8616



99.7070, 13.9484, -87.4430



106.3650, 49.6131, -93.2821

Sweetspot

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



114.7780, 0.6024, 87.0177



219.3120, 0.3392, 31.2984



110.4020, 51.0738, 45.2514



106.8220, 0.0878, 18.5731



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.



114.7780, 0.6024, 87.0177



113.4220, 0.7780, 124.1639



122.3510, -28.7670, 80.3762



99.7450, 0.1257, 6.3626



57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Inverse Universe

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



114.7780, 0.6024, 87.0177



113.4220, 0.7780, 124.1639



155.6490, 28.7670, -80.3762



99.7450, 0.1257, 6.3626



57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 114.7780, 0.6024, 87.0177 looks on a white background.

Color Contrast Check

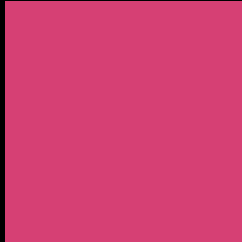
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7780, 0.6024, 87.0177 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 114.7780, 0.6024, 87.0177

Background



This preview shows how black text looks on a background with the YUV color 114.7780, 0.6024, 87.0177.



This preview shows how white text looks on a background with the YUV color 114.7780, 0.6024,

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

114.7780, 0.6024, 87.0177

Protanopia

122.6970, 12.9674, -5.8733

Deuteranopia

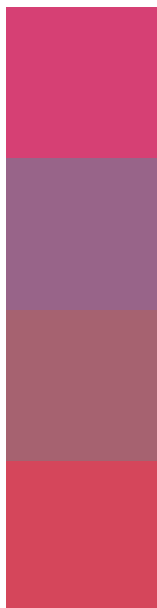
122.3670, -6.5899, 13.7101



Tritanopia

115.0170, -18.7424, 85.0541

Trichromacy



Original Color

114.7780, 0.6024, 87.0177

Protanomaly

119.7660, 8.4964, 28.2692

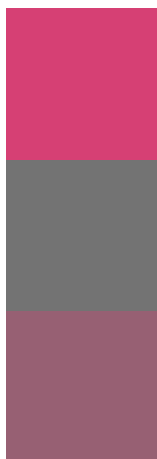
Deuteranomaly

119.9280, -3.9085, 40.4051

Tritanomaly

115.1510, -11.9064, 85.8136

Monochromacy



Original Color

114.7780, 0.6024, 87.0177

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6110, 0.1918, 31.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7780, 0.6024, 87.0177 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(214, 64, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 64, 116)  
}
```

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(214, 64, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 64, 116) }
```

Border

The CSS property to change the border of an element to YUV 114.7780, 0.6024, 87.0177 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(214, 64, 116) }
```


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

```
.border{ border-color:rgb(214, 64, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 64, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 64, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 64, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 64,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 114.7780, 0.6024, 87.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 64, 116) }
```

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

```
.background{ background-color: rgb(214, 64,  
116) }
```

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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