

Converting Colors

YUV(164.1240, -1.0471,
56.0193)

Have a look what the booklet for
YUV(164.1240, -1.0471, 56.0193)
contains.

YUV(164.1240, -1.0471, 56.0193)	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(164.1240, -1.0471,
56.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	E484A2
RGB	228, 132, 162
RGB Percent	89%, 52%, 64%
CMY	0.1059, 0.4824, 0.3647
CMYK	0.00, 0.42, 0.29, 0.11
HSL	341°, 64%, 71%
HSV	341°, 42%, 89%
XYZ	46.7678, 35.6051, 38.5900
YIQ	164.1240, 47.5860, 29.6820

Conversions

Conversions Part 2

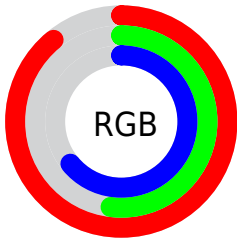
Format	Color
R _Y B	228, 132, 162
Decimal	14976162
CIE Lab	66.22, 40.35, 0.22
CIE LCh	66, 40.352, 0.308
Yxy	35.6051, 0.3866, 0.2943
Android (android.graphics.Color)	4293166242 (0xFFE484A2)
YUV	164.1240, -1.0471, 56.0193
Hunter-Lab	59.6700, 35.4809, 3.4248

Details

The YUV color **164.1240, -1.0471, 56.0193** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.8760, 1.0471, -56.0193**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7520, 3.0803, 38.8055**, and **110.4440, 0.2741, 52.2306** is the 20% darker color. If you saturate the color by 10%, you get **148.7990, -1.3799, 69.4593**, and if you desaturate by 10%, it is **179.4490, -0.7144, 42.5792**.

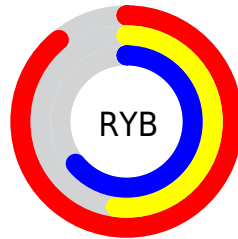
Distribution



Red (89%)

Green (52%)

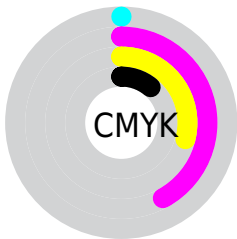
Blue (64%)



Red (89%)

Yellow (52%)

Blue (64%)

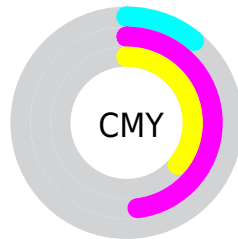


Cyan (0%)

Magenta (42%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1240, -1.0471, 56.0193 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 164.1240, -1.0471, 56.0193 by changing the saturation by 10% instead.

 164.1240, -1.0471,
56.0193


 164.1240, -1.0471,
56.0193


255.0000, 0.0000,
0.0000

 137.2270, -0.6049,
54.1749

 210.7520, 3.0803,
38.8055


 110.4440, 0.2741,
52.2306


 230.3800, 7.2077,
21.5917

 83.9600, 1.0057,
50.9011

 248.5430, 3.1833,
5.6628

 58.0030, 2.4635,
49.9864

 30.9860, 4.9369,
50.0013

 20.9320, 0.0335,
36.0166

 11.4760, -5.1647,

23.2615

0.0000, 0.0000,
0.0000

164.1240, -1.0471,
56.0193

164.1240, -1.0471,
56.0193

148.7990, -1.3799,
69.4593

179.4490, -0.7144,
42.5792

133.5880, -1.2759,
82.7993

194.6600, -0.8184,
29.2392

118.8500, -1.8980,
95.7246

209.3980, -0.1962,
16.3140

103.5250, -2.2308,
109.1646

224.7230, 0.1366,
2.8739

88.3140, -2.1268,
122.5046

239.9340, 0.0325,
-10.4661

■ 76.2660, -2.5961,
133.0707

■ 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.



165.9440, 15.3106, 36.0061



164.1240, -1.0471, 56.0193



162.0800, -17.7874, 58.6888

Triad

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



164.1240, -1.0471, 56.0193



154.5020, -28.3485, -7.4563



127.5600, 47.0519, -111.8701

Complementary

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



164.1240, -1.0471, 56.0193



195.8760, 1.0471, -56.0193

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.



127.4170, 33.8114, -111.7447



164.1240, -1.0471, 56.0193



148.5330, -12.0948, -40.8094

Square

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



164.1240, -1.0471, 56.0193



158.2670, -35.1346, 22.5678



135.8600, 11.9010, -84.0692



154.2250, 38.8361, -43.1703

Rectangle

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



164.1240, -1.0471, 56.0193



161.3320, -26.7857, 51.4518



135.8600, 11.9010, -84.0692



127.9360, 43.4156, -112.1999

Sweetspot

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



164.1240, -1.0471, 56.0193



233.0070, -0.4965, 19.2879



162.6780, 32.2037, 30.9774



113.9630, -0.4748, 12.3104



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.



164.1240, -1.0471, 56.0193



168.5440, -1.2542, 75.8219



171.2700, -19.3601, 49.7522



107.0440, -0.0217, 6.9774



59.9050, -1.9252, 104.4463



17.0730, -0.5290, 29.7540

Inverse Universe

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



164.1240, -1.0471, 56.0193



168.5440, -1.2542, 75.8219



188.7300, 19.3601, -49.7522



107.0440, -0.0217, 6.9774



59.9050, -1.9252, 104.4463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 164.1240, -1.0471, 56.0193 looks on a white background.

Color Contrast Check

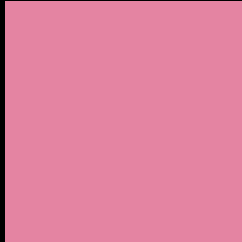
Large Text (above 18pt) WCAG AA × Fail

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 164.1240, -1.0471, 56.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

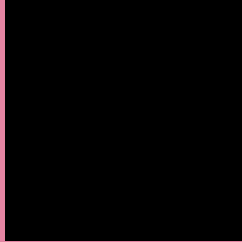
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1240, -1.0471, 56.0193

Background



This preview shows how black text looks on a background with the YUV color 164.1240, -1.0471, 56.0193.



This preview shows how white text looks on a background with the YUV color 164.1240, -1.0471,

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

164.1240, -1.0471, 56.0193

Protanopia

161.8670, 8.4466, -2.5144

Deuteranopia

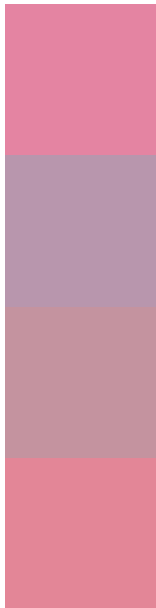
162.8060, -2.3694, 13.3251



Tritanopia

163.3490, -9.0461, 54.9449

Trichromacy



Original Color

164.1240, -1.0471, 56.0193

Protanomaly

162.7880, 5.0345, 18.6029

Deuteranomaly

163.0190, -1.9814, 28.9243

Tritanomaly

163.7450, -6.2833, 55.4746

Monochromacy



Original Color

164.1240, -1.0471, 56.0193

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7190, -0.3545, 20.4174

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1240, -1.0471, 56.0193 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, 132, 162)` looks like.

```
.text, #text, p{  
    color:rgb(228, 132, 162)  
}
```

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, 132, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 132, 162) }
```

Border

The CSS property to change the border of an element to YUV 164.1240, -1.0471, 56.0193 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, 132, 162) }
```


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

```
.border{ border-color:rgb(228, 132, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 132, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 132, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 132, 162);  
box-shadow:4px 4px 4px 4px rgb(228, 132,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 164.1240, -1.0471, 56.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 132, 162) }
```

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

```
.background{ background-color: rgb(228,  
132, 162) }
```

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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