

Converting Colors

YUV(107.6620, -0.3264,
58.1784)

Have a look what the booklet for
YUV(107.6620, -0.3264, 58.1784)
contains.

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Color

**YUV(107.6620, -0.3264,
58.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4A6B
RGB	174, 74, 107
RGB Percent	68%, 29%, 42%
CMY	0.3176, 0.7098, 0.5804
CMYK	0.00, 0.57, 0.39, 0.32
HSL	340°, 40%, 49%
HSV	340°, 57%, 68%
XYZ	22.5582, 14.9578, 15.6081
YIQ	107.6620, 49.0070, 31.4630

Conversions

Conversions Part 2

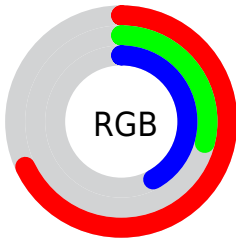
Format	Color
RYB	174, 74, 107
Decimal	11422315
CIELab	45.58, 44.15, 1.49
CIElCh	46, 44.180, 1.939
Yxy	14.9578, 0.4246, 0.2816
Android (android.graphics.Color)	4289612395 (0xFFAE4A6B)
YUV	107.6620, -0.3264, 58.1784
Hunter-Lab	38.6753, 36.4322, 3.1451

Details

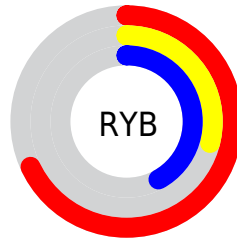
The YUV color **107.6620, -0.3264, 58.1784** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **140.3380, 0.3264, -58.1784**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9290, -1.9370, 61.4523**, and **52.6880, 3.6048, 57.2786** is the 20% darker color. If you saturate the color by 10%, you get **96.3150, -0.6483, 68.1297**, and if you desaturate by 10%, it is **119.0090, -0.0044, 48.2271**.

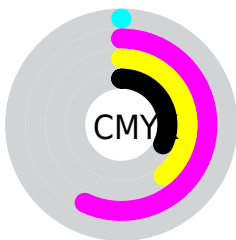
Distribution



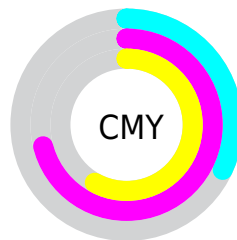
- Red (68%)
- Green (29%)
- Blue (42%)



- Red (68%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6620, -0.3264, 58.1784 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 107.6620, -0.3264, 58.1784 by changing the saturation by 10% instead.

■ 107.6620, -0.3264,
58.1784

■ 107.6620, -0.3264,
58.1784

■ 255.0000, 0.0000,
0.0000

■ 81.2920, 0.8420,
56.7489

■ 161.9290, -1.9370,
61.4523

■ 52.6880, 3.6048,
57.2786

■ 187.7330, -1.3474,
58.9932

■ 31.2420, 3.3317,
51.5308

■ 206.7740, 3.0694,
42.2942

■ 21.1880, -1.5717,
37.5461

■ 226.9890, 6.9074,
24.5656

■ 11.7750, -5.3121,
23.8763

■ 245.0210, 4.9196,
8.7516

■ 0.0000, 0.0000,
0.0000

■ 107.6620, -0.3264,
58.1784

■ 107.6620, -0.3264,
58.1784

■ 96.3150, -0.6483,
68.1297

■ 119.0090, -0.0044,
48.2271

■ 84.4950, -0.2440,
78.4959

■ 130.8290, -0.4087,
37.8610

■ 73.1480, -0.5660,
88.4472

■ 142.1760, -0.0868,
27.9096

■ 61.2140, -0.5985,
98.9133

■ 154.1100, -0.0542,
17.4435

■ 58.5240, -0.7513,
101.2725

■ 165.3430, -0.1691,
7.5922

■ 176.6900, 0.1528,
-2.3591

■ 188.6240, 0.1854,
-12.8252

■ 199.8570, 0.0705,

-22.6766

■ 211.7910, 0.1030,
-33.1427

Harmonies

Analogous

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



110.7810, 15.8840, 38.7801



107.6620, -0.3264, 58.1784



106.1940, -17.3506, 58.5889

Triad

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



107.6620, -0.3264, 58.1784



99.6650, -28.9218, -10.2302



90.7490, 40.5497, -79.5869

Complementary

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



107.6620, -0.3264, 58.1784



140.3380, 0.3264, -58.1784

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.



90.0190, 27.5986, -78.9467



107.6620, -0.3264, 58.1784



89.6780, -8.7153, -51.4606

Square

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



107.6620, -0.3264, 58.1784



103.6750, -37.3078, 19.5790



86.3880, 11.1477, -75.7623



92.4830, 44.1319, -61.8136

Rectangle

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



107.6620, -0.3264, 58.1784



105.7940, -27.5064, 49.2927



86.3880, 11.1477, -75.7623



91.0110, 36.4766, -79.8166

Sweetspot

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



107.6620, -0.3264, 58.1784



201.1430, -0.0705, 22.6766



105.4330, 33.8035, 31.1923



99.6750, -0.3328, 13.4400



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.



107.6620, -0.3264, 58.1784



122.8710, -0.4294, 91.3211



113.8790, -19.6603, 52.7261



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Inverse Universe

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



107.6620, -0.3264, 58.1784



122.8710, -0.4294, 91.3211



134.1210, 19.6603, -52.7261



81.0330, -0.0163, 5.2331



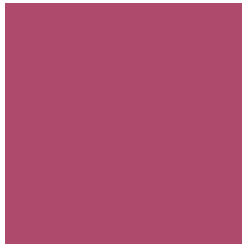
50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 107.6620, -0.3264, 58.1784 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 107.6620, -0.3264, 58.1784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

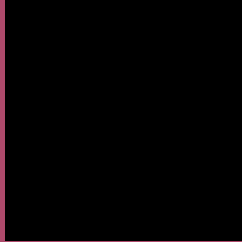
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.6620, -0.3264, 58.1784

Background



This preview shows how black text looks on a background with the YUV color 107.6620, -0.3264, 58.1784.



This preview shows how white text looks on a background with the YUV color 107.6620, -0.3264,

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

107.6620, -0.3264, 58.1784

Protanopia

109.2690, 8.7414, -3.7439

Deuteranopia

109.4420, -3.6689, 10.1364



Tritanopia

107.3770, -11.5249, 56.6744

Trichromacy



Original Color

107.6620, -0.3264, 58.1784

Protanomaly

108.9020, 5.4713, 18.5029

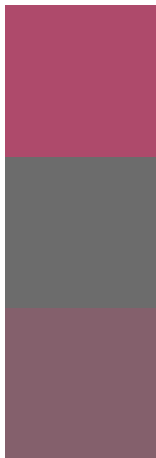
Deuteranomaly

108.8940, -2.4127, 27.2800

Tritanomaly

107.4140, -7.5991, 57.5189

Monochromacy



Original Color

107.6620, -0.3264, 58.1784

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1320, -0.0651, 20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6620, -0.3264, 58.1784 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(174, 74, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 74, 107)  
}
```

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(174, 74, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 74, 107) }
```

Border

The CSS property to change the border of an element to YUV 107.6620, -0.3264, 58.1784 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(174, 74, 107) }
```


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

```
.border{ border-color:rgb(174, 74, 107) }
```

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

Here you see how a box with a 4 pixel rgb(174, 74, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 74, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 74, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 74,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 107.6620, -0.3264, 58.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 74, 107) }
```

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

```
.background{ background-color: rgb(174, 74,  
107) }
```

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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