

Converting Colors

YUV(98.3560, -6.0915, 87.3878)

Have a look what the booklet for
YUV(98.3560, -6.0915, 87.3878)
contains.

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Color

**YUV(98.3560, -6.0915,
87.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	C63256
RGB	198, 50, 86
RGB Percent	78%, 20%, 34%
CMY	0.2235, 0.8039, 0.6627
CMYK	0.00, 0.75, 0.57, 0.22
HSL	345°, 60%, 49%
HSV	345°, 75%, 78%
XYZ	26.1090, 14.9589, 10.3153
YIQ	98.3560, 76.6520, 42.5720

Conversions

Conversions Part 2

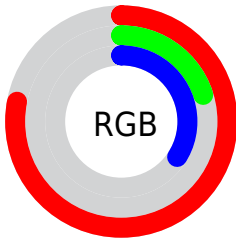
Format	Color
R_{YB}	198, 50, 86
Decimal	12989014
CIE _{Lab}	45.58, 59.61, 14.99
CIE _{LCh}	46, 61.464, 14.120
Yxy	14.9589, 0.5081, 0.2911
Android (android.graphics.Color)	4291179094 (0xFFC63256)
YUV	98.3560, -6.0915, 87.3878
Hunter-Lab	38.6767, 52.8137, 11.2606

Details

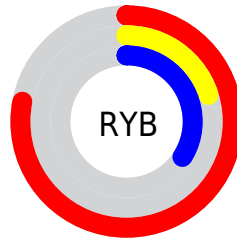
The YUV color **98.3560, -6.0915, 87.3878** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **149.6440, 6.0915, -87.3878**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0310, -9.8753, 87.6728**, and **45.9360, -2.4334, 80.7401** is the 20% darker color. If you saturate the color by 10%, you get **84.9060, -6.8557, 99.1834**, and if you desaturate by 10%, it is **111.8060, -5.3274, 75.5921**.

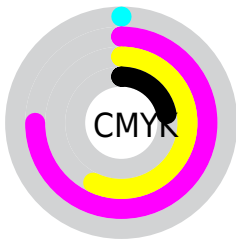
Distribution



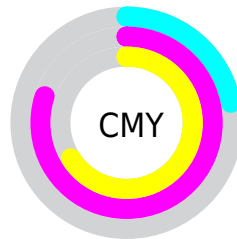
- Red (78%)
- Green (20%)
- Blue (34%)



- Red (78%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (75%)
- Yellow (57%)
- Black (22%)





- Cyan (22%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3560, -6.0915, 87.3878 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 98.3560, -6.0915, 87.3878 by changing the saturation by 10% instead.


 98.3560, -6.0915,
87.3878


 98.3560, -6.0915,
87.3878

255.0000, 0.0000,
0.0000


 61.5230, 0.7282,
93.3803


 155.0310, -9.8753,
87.6728

 45.9360, -2.4334,
80.7401


 175.1320, -6.4741,
70.0442


 34.8000, -6.3104,
64.1964

 194.6460, -2.7835,
52.9305

 23.7350, -11.2084,
48.4674

 214.7470, 0.6177,
35.3019

 15.1780, -6.4968,
30.5389

 235.0760, 4.8925,
17.4733

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 98.3560, -6.0915,
87.3878

■ 98.3560, -6.0915,
87.3878

■ 84.9060, -6.8557,
99.1834

■ 111.8060, -5.3274,
75.5921

■ 71.4560, -7.6198,
110.9791

■ 125.2560, -4.5632,
63.7965

■ 64.6740, -8.2203,
116.9269

■ 138.1190, -3.5097,
52.5156

■ 151.5690, -2.7455,
40.7200

■ 165.0190, -1.9814,
28.9243

■ 178.4690, -1.2172,
17.1287

■ 191.9190, -0.4531,
5.3330

■ 204.7820, 0.6005,
-5.9478

■ 218.2320, 1.3646,
-17.7435

Harmonies

Analogous

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



103.8050, 16.3651, 71.2080



98.3560, -6.0915, 87.3878



101.2100, -31.6555, 73.4838

Triad

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



98.3560, -6.0915, 87.3878



88.8650, -32.4714, -38.4696



95.2120, 55.1115, -83.5009

Complementary

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



98.3560, -6.0915, 87.3878



149.6440, 6.0915, -87.3878

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.



96.1290, 40.8554, -84.3051



98.3560, -6.0915, 87.3878



84.6150, -3.2612, -74.2074

Square

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



98.3560, -6.0915, 87.3878



98.6230, -48.6211, 8.2236



91.9450, 19.7471, -80.6358



90.2340, 58.5516, -66.8572

Rectangle

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



98.3560, -6.0915, 87.3878



100.9910, -49.7886, 56.1359



91.9450, 19.7471, -80.6358



96.2890, 51.6225, -84.4455

Sweetspot

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



98.3560, -6.0915, 87.3878



217.3400, -2.1396, 33.0278



100.0610, 48.2839, 53.4435



105.0780, -1.5175, 20.1026



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.



98.3560, -6.0915, 87.3878



100.1540, -9.4429, 135.7999



115.9710, -32.5237, 71.9394



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Inverse Universe

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



98.3560, -6.0915, 87.3878



100.1540, -9.4429, 135.7999



132.0290, 32.5237, -71.9394



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 98.3560, -6.0915, 87.3878 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 98.3560, -6.0915, 87.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

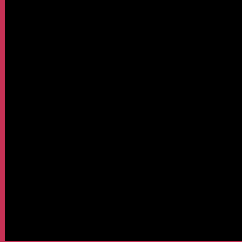
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3560, -6.0915, 87.3878

Background



This preview shows how black text looks on a background with the YUV color 98.3560, -6.0915, 87.3878.



This preview shows how white text looks on a background with the YUV color 98.3560, -6.0915,

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

98.3560, -6.0915, 87.3878

Protanopia

108.9830, 2.4734, 0.0149

Deuteranopia

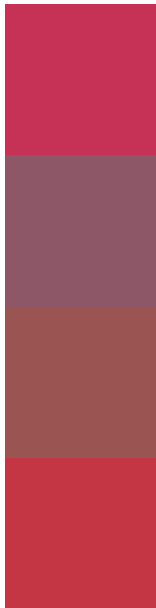
108.6250, -14.6051, 17.8689



Tritanopia

98.3870, -19.9108, 86.4836

Trichromacy



Original Color

98.3560, -6.0915, 87.3878

Protanomaly

105.0840, -0.5344, 31.4983

Deuteranomaly

104.7020, -11.1921, 43.2343

Tritanomaly

98.3530, -14.9640, 86.5134

Monochromacy



Original Color

98.3560, -6.0915, 87.3878

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3290, -2.1342, 31.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3560, -6.0915, 87.3878 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(198, 50, 86)` looks like.

```
.text, #text, p{  
    color:rgb(198, 50, 86)  
}
```

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(198, 50, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 50, 86) }
```

Border

The CSS property to change the border of an element to YUV 98.3560, -6.0915, 87.3878 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(198, 50, 86) }
```


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

```
.border{ border-color:rgb(198, 50, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 50, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 50, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 50, 86);  
box-shadow:4px 4px 4px 4px rgb(198, 50,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 98.3560, -6.0915, 87.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 50, 86) }
```

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

```
.background{ background-color: rgb(198, 50,  
86) }
```

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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