

Converting Colors

YUV(84.6140, 2.6553, 81.8995)

Have a look what the booklet for
YUV(84.6140, 2.6553, 81.8995)
contains.

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Color

**YUV(84.6140, 2.6553,
81.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	B2245A
RGB	178, 36, 90
RGB Percent	70%, 14%, 35%
CMY	0.3020, 0.8588, 0.6471
CMYK	0.00, 0.80, 0.49, 0.30
HSL	337°, 66%, 42%
HSV	337°, 80%, 70%
XYZ	20.8364, 11.4649, 10.7876
YIQ	84.6140, 67.2980, 46.8980

Conversions

Conversions Part 2

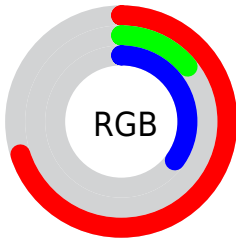
Format	Color
R_{YB}	178, 36, 90
Decimal	11674714
CIE _{Lab}	40.35, 58.58, 4.62
CIE _{LCh}	40, 58.766, 4.504
Yxy	11.4649, 0.4836, 0.2661
Android (android.graphics.Color)	4289864794 (0xFFB2245A)
YUV	84.6140, 2.6553, 81.8995
Hunter-Lab	33.8599, 50.5892, 4.8124

Details

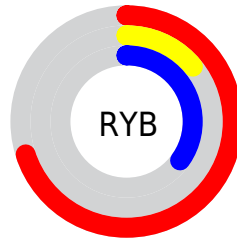
The YUV color **84.6140, 2.6553, 81.8995** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **129.3860, -2.6553, -81.8995**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4740, -1.7127, 82.8993**, and **40.7110, 2.1145, 68.6595** is the 20% darker color. If you saturate the color by 10%, you get **72.7940, 3.0596, 92.2657**, and if you desaturate by 10%, it is **96.4340, 2.2510, 71.5334**.

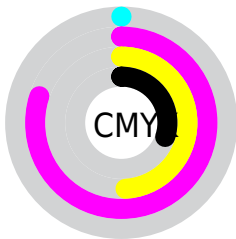
Distribution



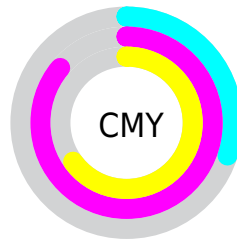
- Red (70%)
- Green (14%)
- Blue (35%)



- Red (70%)
- Yellow (14%)
- Blue (35%)



- Cyan (0%)
- Magenta (80%)
- Yellow (49%)
- Black (30%)





- Cyan (30%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6140, 2.6553, 81.8995 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 84.6140, 2.6553, 81.8995 by changing the saturation by 10% instead.


 84.6140, 2.6553,
81.8995

 84.6140, 2.6553,
81.8995


255.0000, 0.0000,
0.0000

 51.8900, 7.4492,
84.2885


 143.4740, -1.7127,
82.8993


 40.7110, 2.1145,
68.6595


 167.9570, -0.9648,
76.3367


 29.7600, -2.3467,
52.8305

 187.4710, 2.7258,
59.2229

 19.7770, -8.2711,
39.6606

 207.6860, 6.5638,
41.4944

 9.3830, -4.1328,
18.9581

 227.4280, 11.1280,
24.1806

 0.0000, 0.0000,
0.0000

 245.6080, 4.6303,

■ 84.6140, 2.6553,
81.8995

■ 84.6140, 2.6553,
81.8995

■ 72.7940, 3.0596,
92.2657

■ 96.4340, 2.2510,
71.5334

■ 60.9740, 3.4638,
102.6318

■ 108.2540, 1.8468,
61.1672

■ 119.4870, 1.7319,
51.3159

■ 131.3070, 1.3276,
40.9498

■ 143.1270, 0.9234,
30.5836

■ 154.9470, 0.5191,
20.2175

■ 166.7670, 0.1149,
9.8513

■ 178.0000, 0.0000,
0.0000

■ 189.8200, -0.4043,
-10.3661

Harmonies

Analogous

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



93.0850, 21.6501, 56.0535



84.6140, 2.6553, 81.8995



87.1530, -21.7674, 75.2878

Triad

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



84.6140, 2.6553, 81.8995



80.1510, -39.5144, -19.4264



85.9050, 47.3748, -75.3387

Complementary

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



84.6140, 2.6553, 81.8995



129.3860, -2.6553, -81.8995

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.



85.0780, 31.5135, -74.6134



84.6140, 2.6553, 81.8995



72.7320, -10.7139, -63.7860

Square

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



84.6140, 2.6553, 81.8995



88.9430, -43.8489, 17.5900



79.6060, 10.5472, -69.8145



80.0010, 55.2155, -70.1609

Rectangle

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



84.6140, 2.6553, 81.8995



88.4720, -39.1797, 60.0991



79.6060, 10.5472, -69.8145



86.0530, 42.8649, -75.4685

Sweetspot

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



84.6140, 2.6553, 81.8995



195.2520, 1.3548, 32.2280



78.5000, 49.0535, 39.9035



94.6480, 0.6665, 19.6027



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6140, 2.6553, 81.8995



85.3670, 4.2561, 128.5971



88.4370, -25.8514, 78.5468



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Inverse Universe

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



84.6140, 2.6553, 81.8995



85.3670, 4.2561, 128.5971



125.5630, 25.8514, -78.5468



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 84.6140, 2.6553, 81.8995 looks on a white background.

Color Contrast Check

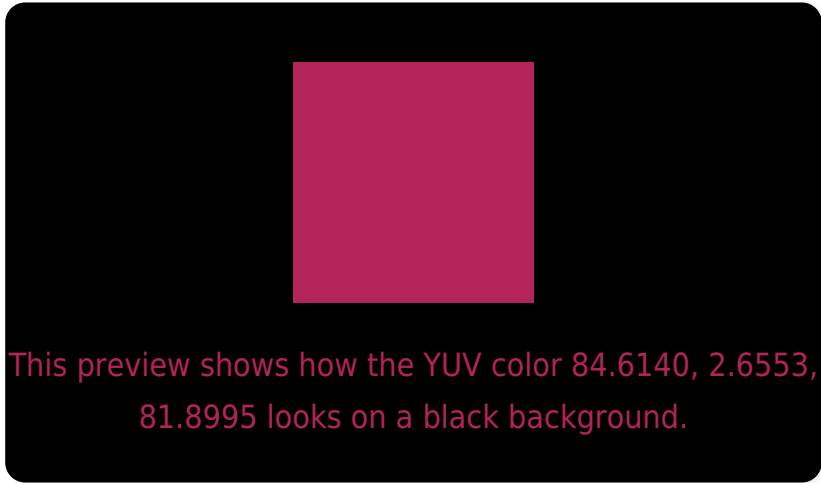
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

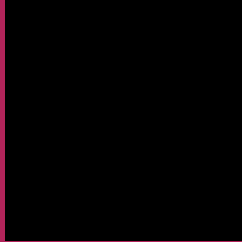
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.6140, 2.6553, 81.8995

Background



This preview shows how black text looks on a background with the YUV color 84.6140, 2.6553, 81.8995.



This preview shows how white text looks on a background with the YUV color 84.6140, 2.6553, 81.8995.

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

84.6140, 2.6553, 81.8995

Protanopia

96.3980, 13.1148, -6.4880

Deuteranopia

96.9430, -6.8739, 11.4510



Tritanopia

85.7990, -18.1419, 79.1063

Trichromacy



Original Color

84.6140, 2.6553, 81.8995

Protanomaly

92.2710, 9.2334, 25.1953

Deuteranomaly

92.4330, -3.1715, 37.3313

Tritanomaly

85.4600, -10.5798, 80.2806

Monochromacy



Original Color

84.6140, 2.6553, 81.8995

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8280, 1.0708, 29.9688

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6140, 2.6553, 81.8995 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(178, 36, 90)` looks like.

```
.text, #text, p{  
    color:rgb(178, 36, 90)  
}
```

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(178, 36, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 36, 90) }
```

Border

The CSS property to change the border of an element to YUV 84.6140, 2.6553, 81.8995 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(178, 36, 90) }
```


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

```
.border{ border-color:rgb(178, 36, 90) }
```

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

Here you see how a box with a 4 pixel rgb(178, 36, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 36, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 36, 90);  
box-shadow:4px 4px 4px 4px rgb(178, 36,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 84.6140, 2.6553, 81.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 36, 90) }
```

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

```
.background{ background-color: rgb(178, 36,  
90) }
```

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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