

Converting Colors

`RYB(108, 86, 155)`

Have a look what the booklet for
RYB(108, 86, 155) contains.

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Color

R_YB(108, 86, 155)

Conversions

Conversions Part 1

Format	Color
Hex	6C569B
RGB	108, 86, 155
RGB Percent	42%, 34%, 61%
CMY	0.5765, 0.6627, 0.3922
CMYK	0.30, 0.45, 0.00, 0.39
HSL	259°, 29%, 47%
HSV	259°, 45%, 61%
XYZ	15.4285, 12.2103, 32.5540
YIQ	100.4440, -9.0370, 26.1230

Conversions

Conversions Part 2

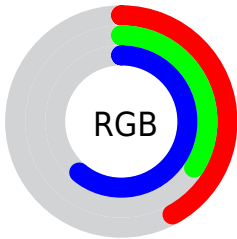
Format	Color
R_{YB}	108, 86, 155
Decimal	7100059
CIE _{Lab}	41.55, 24.70, -34.51
CIE _{LCh}	42, 42.440, 305.586
Yxy	12.2103, 0.2563, 0.2029
Android (android.graphics.Color)	4285290139 (0xFF6C569B)
YUV	100.4440, 26.8961, 6.6266
Hunter-Lab	34.9432, 17.6627, -30.7758

Details

The RYB color **108, 86, 155** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86, 155, 108**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **161, 136, 210**, and **57, 40, 103** is the 20% darker color. If you saturate the color by 10%, you get **97, 71, 155**, and if you desaturate by 10%, it is **119, 102, 155**.

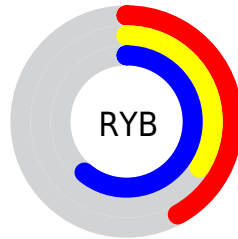
Distribution



Red (42%)

Green (34%)

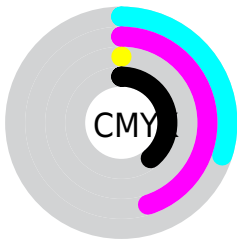
Blue (61%)



Red (42%)

Yellow (34%)

Blue (61%)

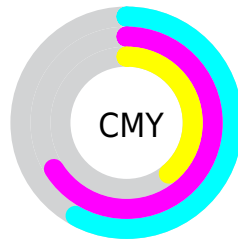


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (39%)



Cyan (58%)

Magenta (66%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 86, 155 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 RYB color 108, 86, 155 by changing the saturation by 10% instead.



108, 86, 155



108, 86, 155

255, 255, 255



82, 62, 129



161, 136, 210



57, 40, 103



189, 162, 238



32, 19, 79



217, 190, 255



12, 0, 56



246, 217, 255



0, 2, 33



255, 246, 255



0, 0, 7



0, 0, 0



108, 86, 155



108, 86, 155



97, 71, 155



119, 102, 155

87, 55, 155

129, 117, 155

76, 40, 155

140, 133, 155

66, 24, 155

150, 148, 155

55, 9, 155

155, 164, 158

49, 0, 155

155, 179, 163

155, 195, 168

155, 210, 173

155, 226, 178

Harmonies

Analogous

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



33, 78, 168



108, 86, 155



145, 72, 128

Triad

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



108, 86, 155



139, 139, 33



0, 60, 115

Complementary

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



108, 86, 155



86, 155, 108

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.



5, 73, 113



108, 86, 155



36, 110, 22

Square

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



108, 86, 155



158, 74, 59



37, 107, 70



0, 62, 138

Rectangle

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



108, 86, 155



158, 66, 105



37, 107, 70



0, 64, 115

Sweetspot

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



108, 86, 155



184, 175, 201



86, 114, 155



91, 86, 102



230, 230, 230



102, 102, 102

Same Dimension

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



108, 86, 155



129, 95, 201



142, 86, 155



71, 69, 77



45, 0, 140



4, 0, 13

Inverse Universe

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



155, 86, 133



201, 95, 167



86, 155, 142



77, 69, 74



140, 0, 96



13, 0, 9

Previews

White Background



This preview shows how the RYB color 108, 86, 155 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 RYB color 108, 86, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

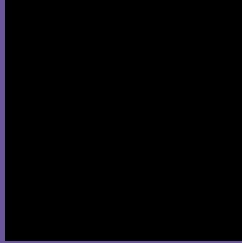
Any Text WCAG AA × Fail

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](#).

RYP 108, 86, 155 Background



This preview shows how black text looks on a background with the RYP color 108, 86, 155.

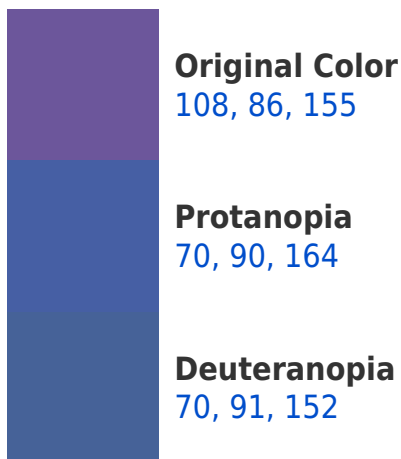


This preview shows how white text looks on a background with the RYP color 108, 86, 155.

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





Tritanopia
98, 97, 105

Trichromacy



Original Color

108, 86, 155

Protanomaly

84, 91, 161

Deuteranomaly

84, 93, 153

Tritanomaly

102, 93, 123

Monochromacy



Original Color

108, 86, 155

Achromatopsia

100, 100, 100

Achromatomaly

103, 95, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 86, 155 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(108, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(108, 86, 155)  
}
```

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(108, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 86, 155) }
```

Border

The CSS property to change the border of an element to RYB 108, 86, 155 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(108, 86, 155) }
```

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

```
.border{ border-color:rgb(108, 86, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 86, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 86, 155); box-shadow:4px 4px 4px 4px rgb(108, 86, 155) }
```

Background

The CSS property to change the background color of an element to RGB 108, 86, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 86, 155) }
```

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

```
.background{ background-color: rgb(108, 86,  
155) }
```

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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