

Converting Colors

`RYB(120, 84, 105)`

Have a look what the booklet for
RYB(120, 84, 105) contains.

RYB(120, 84, 105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(120, 84, 105)

Conversions

Conversions Part 1

Format	Color
Hex	785469
RGB	120, 84, 105
RGB Percent	47%, 33%, 41%
CMY	0.5294, 0.6706, 0.5882
CMYK	0.00, 0.30, 0.13, 0.53
HSL	325°, 18%, 40%
HSV	325°, 30%, 47%
XYZ	13.4659, 11.3536, 14.8463
YIQ	97.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

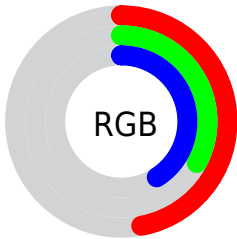
Format	Color
R_{YB}	120, 84, 105
Decimal	7885929
CIE _{Lab}	40.17, 18.55, -6.10
CIE _{LCh}	40, 19.521, 341.806
Yxy	11.3536, 0.3395, 0.2862
Android (android.graphics.Color)	4286076009 (0xFF785469)
YUV	97.1580, 3.8661, 20.0324
Hunter-Lab	33.6952, 12.3688, -2.5370

Details

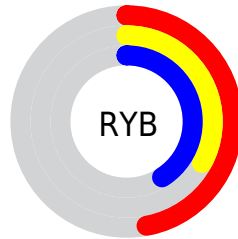
The RYB color **120, 84, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **84, 109, 120**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **173, 134, 156**, and **71, 38, 58** is the 20% darker color. If you saturate the color by 10%, you get **120, 72, 100**, and if you desaturate by 10%, it is **120, 96, 110**.

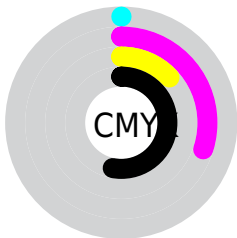
Distribution



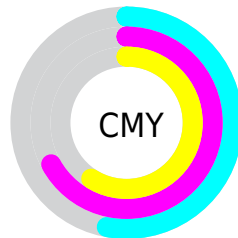
- Red (47%)
- Green (33%)
- Blue (41%)



- Red (47%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (53%)




- Cyan (53%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 120, 84, 105 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 120, 84, 105 by changing the saturation by 10% instead.

 120, 84, 105

255, 255, 255

 173, 134, 156

 200, 160, 183


 229, 187, 211

 255, 215, 239

 255, 244, 255

 120, 84, 105

 95, 61, 81

 71, 38, 58

 48, 17, 36

 30, 0, 15

 0, 0, 0


 120, 84, 105

 120, 72, 100

 120, 60, 95


 120, 84, 105


 120, 96, 110


 120, 108, 115


 120, 48, 90


 120, 120, 120


 120, 36, 85

 120, 128, 132


 120, 24, 80


 120, 137, 144


 120, 12, 75

 120, 145, 156

 120, 0, 70

 120, 154, 168

 120, 162, 180

 120, 171, 192

Harmonies

Analogous

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



105, 88, 118



120, 84, 105



126, 83, 89

Triad

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



120, 84, 105



67, 100, 63



45, 76, 115

Complementary

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



120, 84, 105



84, 109, 120

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.



48, 77, 104



120, 84, 105



70, 100, 88

Square

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



120, 84, 105



112, 114, 65



63, 89, 103



60, 84, 125

Rectangle

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



120, 84, 105



126, 85, 79



63, 89, 103



43, 75, 111

Sweetspot

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



120, 84, 105



156, 142, 150



99, 84, 120



79, 70, 75



207, 207, 207



79, 79, 79

Same Dimension

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



120, 84, 105



156, 100, 132



120, 84, 87



61, 55, 59



125, 0, 73



252, 0, 147

Inverse Universe

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



120, 84, 105



156, 100, 132



84, 103, 120



61, 55, 59



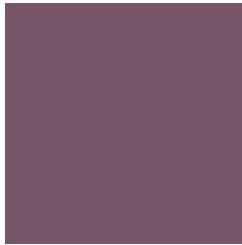
125, 0, 73



252, 0, 147

Previews

White Background



This preview shows how the RYB color 120, 84, 105 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 120, 84, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

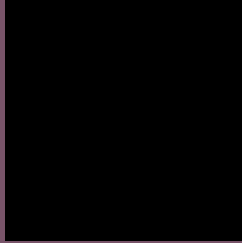
Any Text WCAG AA × Fail

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](#).

RYB 120, 84, 105 Background



This preview shows how black text looks on a background with the RYB color 120, 84, 105.



This preview shows how white text looks on a background with the RYB color 120, 84, 105.

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


120, 84, 105

Protanopia

92, 94, 112

Deuteranopia

100, 92, 103



Tritanopia
119, 86, 93

Trichromacy



Original Color

120, 84, 105

Protanomaly

102, 90, 109

Deuteranomaly

107, 89, 104

Tritanomaly

119, 85, 97

Monochromacy



Original Color

120, 84, 105

Achromatopsia

97, 97, 97

Achromatomaly

105, 92, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 84, 105 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(120, 84, 105) looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 105)  
}
```

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(120, 84, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 105) }
```

Border

The CSS property to change the border of an element to RYB 120, 84, 105 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(120, 84, 105) }
```

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

```
.border{ border-color:rgb(120, 84, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 84, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 105);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 120, 84, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 105) }
```

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

```
.background{ background-color: rgb(120, 84,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor