

Converting Colors

`RYB(108, 75, 152)`

Have a look what the booklet for
RYB(108, 75, 152) contains.

RYB(108, 75, 152)	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

`RYB(108, 75, 152)`

Conversions

Conversions Part 1

Format	Color
Hex	6C4B98
RGB	108, 75, 152
RGB Percent	42%, 29%, 60%
CMY	0.5765, 0.7059, 0.4039
CMYK	0.29, 0.51, 0.00, 0.40
HSL	266°, 34%, 45%
HSV	266°, 51%, 60%
XYZ	14.3679, 10.4873, 30.9727
YIQ	93.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

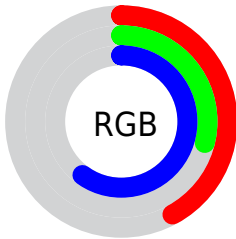
Format	Color
R_{YB}	108, 75, 152
Decimal	7097240
CIE Lab	38.70, 30.56, -37.22
CIE LCh	39, 48.158, 309.392
Yxy	10.4873, 0.2574, 0.1879
Android (android.graphics.Color)	4285287320 (0xFF6C4B98)
YUV	93.6450, 28.7690, 12.5893
Hunter-Lab	32.3841, 22.5233, -34.0372

Details

The RYB color **108, 75, 152** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **75, 152, 108**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **161, 125, 207**, and **57, 29, 100** is the 20% darker color. If you saturate the color by 10%, you get **99, 60, 152**, and if you desaturate by 10%, it is **117, 90, 152**.

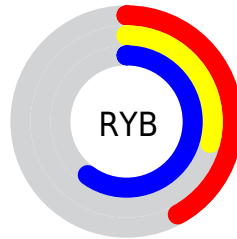
Distribution



Red (42%)

Green (29%)

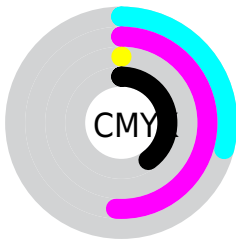
Blue (60%)



Red (42%)

Yellow (29%)

Blue (60%)

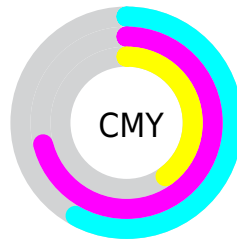


Cyan (29%)

Magenta (51%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 75, 152 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, 75, 152 by changing the saturation by 10% instead.

■ 108, 75, 152

255, 255, 255

■ 161, 125, 207

■ 189, 151, 235

■ 218, 178, 255

■ 247, 205, 255

■ 255, 234, 255

■ 108, 75, 152

■ 82, 52, 126

■ 57, 29, 100

■ 32, 7, 76

■ 10, 0, 53

■ 0, 2, 31

■ 0, 0, 1

■ 0, 0, 0

■ 108, 75, 152

■ 99, 60, 152

■ 108, 75, 152

■ 117, 90, 152

91, 45, 152

125, 105, 152

82, 29, 152

134, 121, 152

73, 14, 152

143, 136, 152

65, 0, 152

151, 151, 152

152, 166, 158

152, 181, 164

152, 197, 172

152, 212, 178

Harmonies

Analogous

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



5, 62, 169



108, 75, 152



147, 57, 120

Triad

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



108, 75, 152



100, 131, 9



0, 56, 109

Complementary

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



108, 75, 152



75, 152, 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.



0, 68, 107



108, 75, 152



6, 99, 0

Square

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



108, 75, 152



154, 66, 43



24, 102, 70



0, 61, 140

Rectangle

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



108, 75, 152



159, 51, 94



24, 102, 70



0, 60, 109

Sweetspot

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



108, 75, 152



180, 167, 196



75, 103, 152



89, 82, 99



227, 227, 227



99, 99, 99

Same Dimension

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



108, 75, 152



128, 77, 196



146, 75, 152



72, 69, 77



60, 0, 140



5, 0, 13

Inverse Universe

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



152, 75, 119



196, 77, 145



75, 152, 146



77, 69, 73



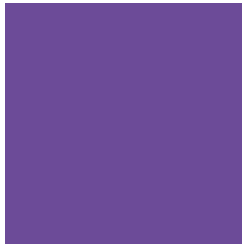
140, 0, 80



13, 0, 7

Previews

White Background



This preview shows how the RYB color 108, 75, 152 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, 75, 152 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 108, 75, 152 Background



This preview shows how black text looks on a background with the RYB color 108, 75, 152.

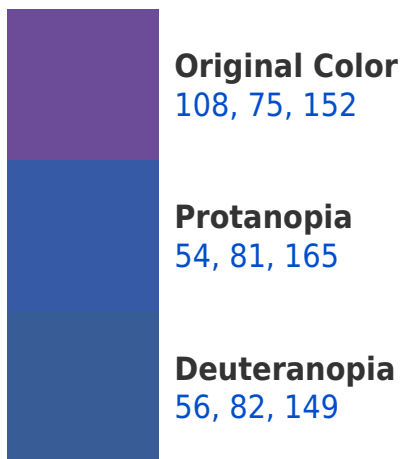


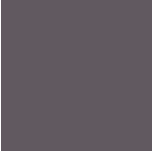
This preview shows how white text looks on a background with the RYB color 108, 75, 152.

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

97, 89, 96

Trichromacy



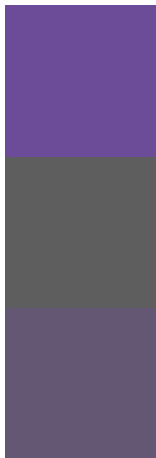
Original Color
108, 75, 152

Protanomaly
74, 83, 160

Deuteranomaly
75, 85, 150

Tritanomaly
101, 84, 116

Monochromacy



Original Color
108, 75, 152

Achromatopsia
94, 94, 94

Achromatomaly
99, 87, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 75, 152 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, 75, 152)` looks like.

```
.text, #text, p{  
    color:rgb(108, 75, 152)  
}
```

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, 75, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 75, 152) }
```

Border

The CSS property to change the border of an element to RYB 108, 75, 152 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, 75, 152) }
```

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

```
.border{ border-color:rgb(108, 75, 152) }
```

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

Here you see how a box with a 4 pixel rgb(108, 75, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 75, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 75, 152);  
box-shadow:4px 4px 4px 4px rgb(108, 75,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 108, 75, 152 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 75, 152) }
```

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

```
.background{ background-color: rgb(108, 75,  
152) }
```

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