

Converting Colors

`RYB(102, 89, 114)`

Have a look what the booklet for
RYB(102, 89, 114) contains.

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Color

R_YB(102, 89, 114)

Conversions

Conversions Part 1

Format	Color
Hex	665972
RGB	102, 89, 114
RGB Percent	40%, 35%, 45%
CMY	0.6000, 0.6510, 0.5529
CMYK	0.11, 0.22, 0.00, 0.55
HSL	271°, 12%, 40%
HSV	271°, 22%, 45%
XYZ	12.0891, 11.1844, 17.4412
YIQ	95.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

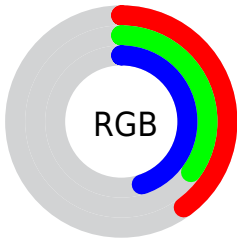
Format	Color
RYB	102, 89, 114
Decimal	6707570
CIELab	39.89, 10.55, -12.26
CIElCh	40, 16.172, 310.719
Yxy	11.1844, 0.2969, 0.2747
Android (android.graphics.Color)	4284897650 (0xFF665972)
YUV	95.7370, 9.0037, 5.4927
Hunter-Lab	33.4431, 5.9992, -7.5107

Details

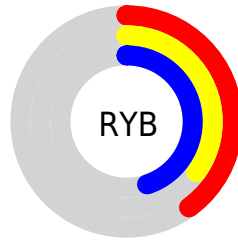
The RYB color **102, 89, 114** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89, 114, 102**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **153, 139, 166**, and **55, 43, 66** is the 20% darker color. If you saturate the color by 10%, you get **97, 78, 114**, and if you desaturate by 10%, it is **107, 100, 114**.

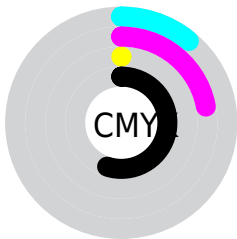
Distribution



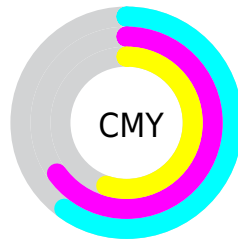
- Red (40%)
- Green (35%)
- Blue (45%)



- Red (40%)
- Yellow (35%)
- Blue (45%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 89, 114 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 102, 89, 114 by changing the saturation by 10% instead.



102, 89, 114



102, 89, 114

255, 255, 255



78, 66, 89



153, 139, 166



55, 43, 66



180, 165, 193



33, 23, 44



208, 192, 221



12, 0, 24



236, 220, 250



0, 0, 0



255, 249, 255



102, 89, 114



102, 89, 114



97, 78, 114



107, 100, 114



91, 66, 114



113, 112, 114

■ 86, 55, 114

■ 114, 123, 119

■ 80, 43, 114

■ 114, 135, 125

■ 75, 32, 114

■ 114, 146, 131

■ 69, 21, 114

■ 114, 157, 136

■ 64, 9, 114

■ 114, 169, 143

■ 59, 0, 114

■ 114, 180, 148

■ 114, 192, 155

Harmonies

Analogous

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



84, 92, 120



102, 89, 114



115, 85, 103

Triad

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



102, 89, 114



111, 111, 69



58, 80, 101

Complementary

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



102, 89, 114



89, 114, 102

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.



69, 90, 101



102, 89, 114



73, 99, 68

Square

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



102, 89, 114



119, 88, 77



74, 98, 88



56, 80, 111

Rectangle

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



102, 89, 114



120, 84, 94



74, 98, 88



61, 83, 101

Sweetspot

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



102, 89, 114



143, 138, 148



89, 97, 114



71, 68, 74



201, 201, 201



74, 74, 74

Same Dimension

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



102, 89, 114



129, 109, 148



114, 89, 114



53, 50, 56



62, 0, 120



129, 0, 247

Inverse Universe

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



114, 89, 101



148, 109, 128



89, 114, 114



56, 50, 53



120, 0, 58



247, 0, 119

Previews

White Background



This preview shows how the RYB color 102, 89, 114 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 102, 89, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

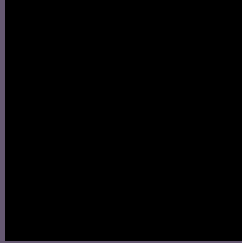
Any Text WCAG AA × Fail

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](#).

R Y B 102, 89, 114 Background



This preview shows how black text looks on a background with the RYB color 102, 89, 114.



This preview shows how white text looks on a background with the RYB color 102, 89, 114.

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

102, 89, 114

Protanopia

88, 92, 117

Deuteranopia

94, 92, 113



Tritanopia
100, 92, 99

Trichromacy



Original Color

102, 89, 114

Protanomaly

93, 92, 116

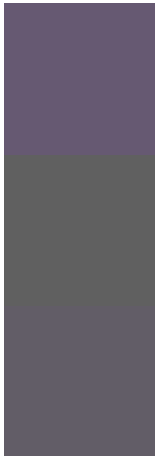
Deuteranomaly

97, 91, 113

Tritanomaly

101, 91, 104

Monochromacy



Original Color

102, 89, 114

Achromatopsia

96, 96, 96

Achromatomaly

98, 93, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 89, 114 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(102, 89, 114) looks like.

```
.text, #text, p{  
    color:rgb(102, 89, 114)  
}
```

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(102, 89, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 89, 114) }
```

Border

The CSS property to change the border of an element to RYB 102, 89, 114 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(102, 89, 114) }
```

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

```
.border{ border-color:rgb(102, 89, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 89, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 89, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 89, 114);  
box-shadow:4px 4px 4px 4px rgb(102, 89,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 102, 89, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 89, 114) }
```

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

```
.background{ background-color: rgb(102, 89,  
114) }
```

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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