

Converting Colors

`RYB(190, 74, 108)`

Have a look what the booklet for
RYB(190, 74, 108) contains.

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Color

`RYB(190, 74, 108)`

Conversions

Conversions Part 1

Format	Color
Hex	BE4A6C
RGB	190, 74, 108
RGB Percent	75%, 29%, 42%
CMY	0.2549, 0.7098, 0.5765
CMYK	0.00, 0.61, 0.43, 0.25
HSL	342°, 47%, 52%
HSV	342°, 61%, 75%
XYZ	26.3908, 16.9274, 16.0637
YIQ	112.5600, 58.2220, 35.1660

Conversions

Conversions Part 2

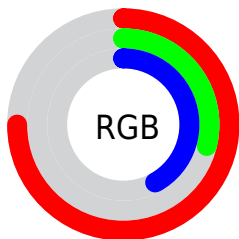
Format	Color
R_{YB}	190, 74, 108
Decimal	12470892
CIE _{Lab}	48.17, 49.60, 4.96
CIE _{LCh}	48, 49.852, 5.705
Yxy	16.9274, 0.4444, 0.2851
Android (android.graphics.Color)	4290660972 (0xFFBE4A6C)
YUV	112.5600, -2.2481, 67.9149
Hunter-Lab	41.1429, 42.4970, 5.6510

Details

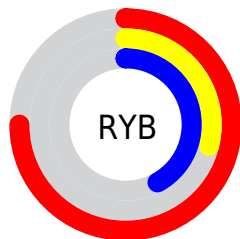
The RYB color **190, 74, 108** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **74, 142, 190**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **250, 128, 159**, and **132, 12, 61** is the 20% darker color. If you saturate the color by 10%, you get **190, 55, 95**, and if you desaturate by 10%, it is **190, 93, 121**.

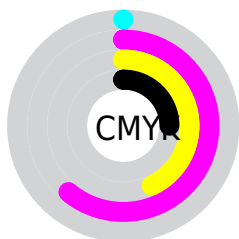
Distribution



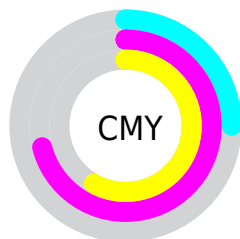
- Red (75%)
- Green (29%)
- Blue (42%)



- Red (75%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (43%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 74, 108 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 190, 74, 108 by changing the saturation by 10% instead.



190, 74, 108



190, 74, 108

255, 255, 255



161, 46, 84



250, 128, 159



132, 12, 61



255, 155, 186



104, 0, 39



255, 183, 214



76, 0, 19



255, 212, 242



51, 0, 2



255, 241, 255



0, 0, 0



190, 74, 108



190, 74, 108



190, 55, 95



190, 93, 121




190, 36, 81





190, 112, 135


 190, 17, 68

 190, 131, 148

 190, 0, 56

 190, 150, 162

 190, 169, 175

 190, 188, 189

 190, 200, 207

 190, 211, 226

 190, 222, 245

Harmonies

Analogous

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



171, 82, 150



190, 74, 108



186, 85, 68

Triad

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



190, 74, 108



40, 126, 81



0, 77, 191

Complementary

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



190, 74, 108



74, 142, 190

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, 73, 162



190, 74, 108



0, 83, 132

Square

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



190, 74, 108



35, 129, 19



0, 70, 134



26, 86, 198

Rectangle

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



190, 74, 108



172, 126, 44



0, 70, 134



0, 76, 183

Sweetspot

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



190, 74, 108



247, 203, 216



155, 74, 190



125, 97, 106



252, 252, 252



125, 125, 125

Same Dimension

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



190, 74, 108



247, 67, 120



190, 103, 74



94, 85, 88



158, 0, 46



31, 0, 9

Inverse Universe

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



190, 74, 108



247, 67, 120



74, 126, 190



94, 85, 88



158, 0, 46



31, 0, 9

Previews

White Background



This preview shows how the RYB color 190, 74, 108 looks on a white background.

Color Contrast Check

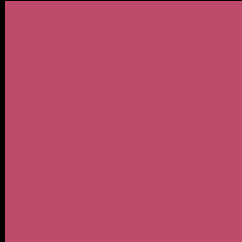
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 74, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

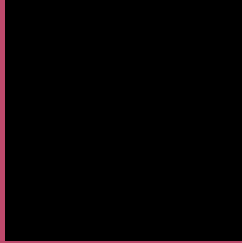
Any Text WCAG AA × Fail

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 190, 74, 108 Background



This preview shows how black text looks on a background with the RYB color 190, 74, 108.



This preview shows how white text looks on a background with the RYB color 190, 74, 108.

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
188, 79, 84

Trichromacy



Original Color

190, 74, 108

Protanomaly

140, 99, 123

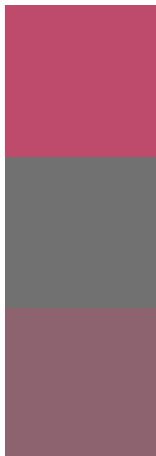
Deuteranomaly

152, 98, 104

Tritanomaly

189, 77, 93

Monochromacy



Original Color

190, 74, 108

Achromatopsia

113, 113, 113

Achromatomaly

141, 99, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 74, 108 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(190, 74, 108)` looks like.

```
.text, #text, p{  
    color:rgb(190, 74, 108)  
}
```

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(190, 74, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 74, 108) }
```

Border

The CSS property to change the border of an element to RYB 190, 74, 108 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(190, 74, 108) }
```

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

```
.border{ border-color:rgb(190, 74, 108) }
```

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

Here you see how a box with a 4 pixel rgb(190, 74, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(190, 74,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 190, 74, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 74, 108) }
```

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

```
.background{ background-color: rgb(190, 74,  
108) }
```

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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