

Converting Colors

`RYB(121, 120, 120)`

Have a look what the booklet for
RYB(121, 120, 120) contains.

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Color

`RYB(121, 120, 120)`

Conversions

Conversions Part 1

Format	Color
Hex	797878
RGB	121, 120, 120
RGB Percent	47%, 47%, 47%
CMY	0.5255, 0.5294, 0.5294
CMYK	0.00, 0.01, 0.01, 0.53
HSL	0°, 0%, 47%
HSV	0°, 1%, 47%
XYZ	17.9918, 18.8540, 20.4602
YIQ	120.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
RYB	121, 120, 120
Decimal	7960696
CIELab	50.52, 0.38, 0.13
CIELCh	51, 0.403, 18.508
Yxy	18.8540, 0.3140, 0.3290
Android (android.graphics.Color)	4286150776 (0xFF797878)
YUV	120.2990, -0.1474, 0.6148
Hunter-Lab	43.4211, -2.0245, 2.4571

Details

The RYB color **121, 120, 120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120, 121, 121**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **173, 172, 172**, and **73, 72, 72** is the 20% darker color. If you saturate the color by 10%, you get **121, 108, 108**, and if you desaturate by 10%, it is **121, 127, 132**.

Distribution



Red (47%)

Green (47%)

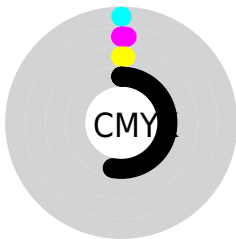
Blue (47%)



Red (47%)

Yellow (47%)

Blue (47%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 120, 120 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 121, 120, 120 by changing the saturation by 10% instead.

■ 121, 120, 120

255, 255, 255

■ 173, 172, 172

■ 201, 200, 200

■ 229, 228, 228

■ 121, 120, 120

■ 96, 95, 95

■ 73, 72, 72

■ 50, 49, 49

■ 29, 28, 28

■ 3, 2, 2

■ 0, 0, 0

■ 121, 120, 120

■ 121, 108, 108

■ 121, 96, 96

■ 121, 120, 120

■ 121, 127, 132

■ 121, 133, 144

121, 84, 84

121, 139, 156

121, 72, 72

121, 145, 168

121, 59, 59

121, 151, 180

121, 47, 47

121, 157, 193

121, 35, 35

121, 163, 205

121, 23, 23

121, 169, 217

121, 11, 11

121, 175, 229

Harmonies

Triad

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



121, 120, 120



120, 120, 120



120, 120, 121

Complementary

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



121, 120, 120



120, 121, 121

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.



119, 120, 121



121, 120, 120



120, 120, 120

Square

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



121, 120, 120



120, 120, 120



119, 120, 120



120, 120, 121

Rectangle

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



121, 120, 120



119, 120, 120



120, 120, 121

Sweetspot

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



121, 120, 120



158, 158, 158



121, 120, 121



79, 79, 79



207, 207, 207

Same Dimension

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



121, 120, 120



158, 157, 157



61, 61, 61



125, 0, 0



252, 0, 0

Inverse Universe

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



120, 121, 121



157, 158, 158



120, 120, 121



61, 61, 61



0, 63, 125



0, 126, 252

Previews

White Background



This preview shows how the RYB color 121, 120, 120 looks on a white 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

Black Background



This preview shows how the RYB color 121, 120, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

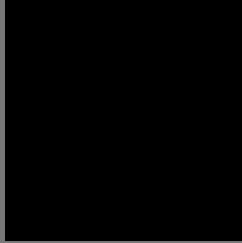
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

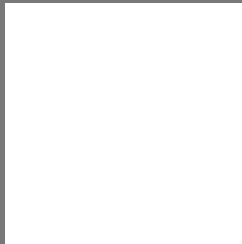
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 121, 120, 120 Background



This preview shows how black text looks on a background with the RYB color 121, 120, 120.

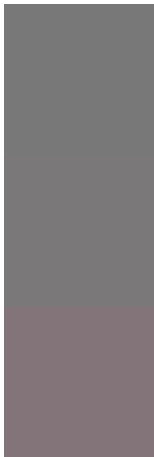


This preview shows how white text looks on a background with the RYB color 121, 120, 120.

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
121, 120, 120

Protanopia
122, 120, 120

Deuteranopia
131, 116, 121



Tritanopia
122, 119, 128

Trichromacy



Original Color

121, 120, 120

Protanomaly

122, 120, 120

Deuteranomaly

127, 117, 121

Tritanomaly

122, 119, 125

Monochromacy



Original Color

121, 120, 120

Achromatopsia

120, 120, 120

Achromatomaly

120, 120, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 120, 120 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(121, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 120)  
}
```

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(121, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 120) }
```

Border

The CSS property to change the border of an element to RYB 121, 120, 120 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(121, 120, 120) }
```

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

```
.border{ border-color:rgb(121, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 120,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 121, 120, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 120) }
```

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

```
.background{ background-color: rgb(121,  
120, 120) }
```

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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