

Converting Colors

`RYB(72, 120, 150)`

Have a look what the booklet for
RYB(72, 120, 150) contains.

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Color

`RYB(72, 120, 150)`

Conversions

Conversions Part 1

Format	Color
Hex	489679
RGB	72, 150, 121
RGB Percent	28%, 59%, 47%
CMY	0.7176, 0.4118, 0.5265
CMYK	0.52, 0.00, 0.20, 0.41
HSL	158°, 35%, 44%
HSV	158°, 52%, 59%
XYZ	17.0147, 24.5648, 21.8536
YIQ	123.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

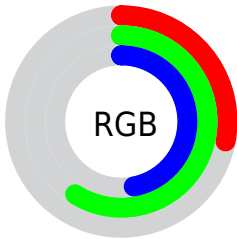
Format	Color
RYB	72, 120, 150
Decimal	4757113
CIELab	56.65, -31.35, 8.16
CIElCh	57, 32.392, 165.412
Yxy	24.5648, 0.2682, 0.3873
Android (android.graphics.Color)	4282947193 (0xFF489679)
YUV	123.3720, -1.1694, -45.0532
Hunter-Lab	49.5628, -25.4567, 8.5514

Details

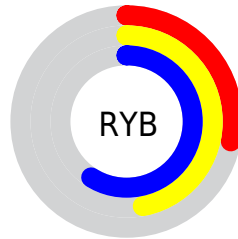
The RYB color **72, 120, 150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **150, 72, 101**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **126, 176, 205**, and **8, 61, 98** is the 20% darker color. If you saturate the color by 10%, you get **57, 114, 150**, and if you desaturate by 10%, it is **87, 126, 150**.

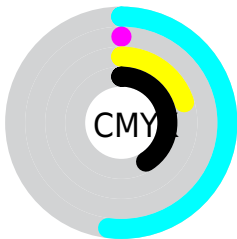
Distribution



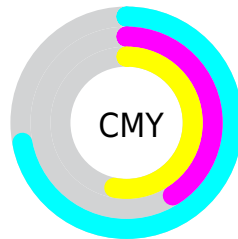
- Red (28%)
- Green (59%)
- Blue (47%)



- Red (28%)
- Yellow (47%)
- Blue (59%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 72, 120, 150 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 72, 120, 150 by changing the saturation by 10% instead.



72, 120, 150



72, 120, 150

255, 255, 255



44, 92, 124



126, 176, 205



8, 61, 98



153, 203, 233



0, 44, 74



181, 226, 255



0, 33, 51



210, 233, 255



0, 28, 31



239, 247, 255



0, 0, 0



72, 120, 150



72, 120, 150



57, 114, 150



87, 126, 150



42, 108, 150



102, 132, 150

■ 27, 103, 150

■ 117, 137, 150

■ 12, 97, 150

■ 132, 143, 150

■ 0, 92, 150

■ 147, 149, 150

■ 162, 150, 155

■ 177, 150, 160

■ 192, 150, 166

■ 207, 150, 171

Harmonies

Analogous

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



95, 146, 133



72, 120, 150



28, 90, 151

Triad

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



72, 120, 150



119, 131, 190



185, 128, 97

Complementary

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



72, 120, 150



150, 72, 101

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.



191, 114, 122



72, 120, 150



157, 123, 176

Square

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



72, 120, 150



70, 115, 190



182, 115, 151



147, 166, 81

Rectangle

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



72, 120, 150



2, 80, 168



182, 115, 151



188, 119, 105

Sweetspot

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



72, 120, 150



163, 182, 194



72, 150, 120



78, 90, 97



224, 224, 224



97, 97, 97

Same Dimension

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



72, 120, 150



74, 148, 194



72, 109, 150



67, 71, 74



0, 85, 138



0, 6, 10

Inverse Universe

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



150, 72, 101



194, 74, 119



150, 82, 72



74, 67, 69



138, 0, 52



10, 0, 4

Previews

White Background



This preview shows how the RYB color 72, 120, 150 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 72, 120, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

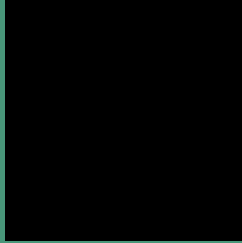
Any Text WCAG AA ✓ Pass

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 72, 120, 150 Background



This preview shows how black text looks on a background with the RYB color 72, 120, 150.

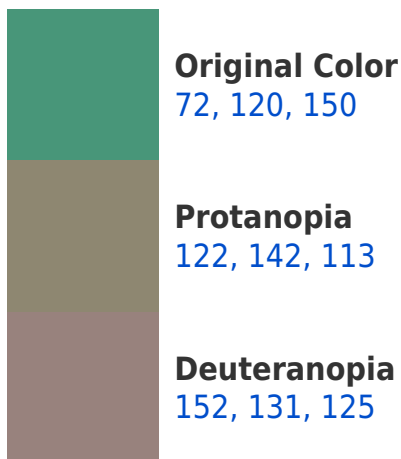


This preview shows how white text looks on a background with the RYB color 72, 120, 150.

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
83, 117, 157

Trichromacy



Original Color

72, 120, 150

Protanomaly

116, 140, 139

Deuteranomaly

123, 137, 137

Tritanomaly

79, 114, 147

Monochromacy



Original Color

72, 120, 150

Achromatopsia

123, 123, 123

Achromatomaly

104, 122, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 72, 120, 150 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(72, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(72, 150, 121)  
}
```

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(72, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 150, 121) }
```

Border

The CSS property to change the border of an element to RYB 72, 120, 150 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(72, 150, 121) }
```

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

```
.border{ border-color:rgb(72, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(72, 150,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 72, 150, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 150, 121) }
```

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

```
.background{ background-color: rgb(72, 150,  
121) }
```

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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