

Converting Colors

`RYB(172, 172, 172)`

Have a look what the booklet for
RYB(172, 172, 172) contains.

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Color

RYB(172, 172, 172)

Conversions

Conversions Part 1

Format	Color
Hex	ACACAC
RGB	172, 172, 172
RGB Percent	67%, 67%, 67%
CMY	0.3255, 0.3255, 0.3255
CMYK	0.00, 0.00, 0.00, 0.33
HSL	0°, 0%, 67%
HSV	0°, 0%, 67%
XYZ	39.2122, 41.2543, 44.9259
YIQ	172.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
RYB	172, 172, 172
Decimal	11316396
CIELab	70.35, 0.00, -0.01
CIELCh	70, 0.009, 296.813
Yxy	41.2543, 0.3127, 0.3290
Android (android.graphics.Color)	4289506476 (0xFFACACAC)
YUV	172.0000, 0.0000, 0.0000
Hunter-Lab	64.2295, -3.4271, 3.4897

Details

The RYB color **172, 172, 172** is a light color, and the websafe version is hex **999999**, and the color name is **silver chalice**. A complement of this color would be **172, 172, 172**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **227, 227, 227**, and **120, 120, 120** is the 20% darker color. If you saturate the color by 10%, you get **172, 155, 155**, and if you desaturate by 10%, it is **172, 181, 189**.

Distribution



Red (67%)

Green (67%)

Blue (67%)



Red (67%)

Yellow (67%)

Blue (67%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 172, 172 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 172, 172, 172 by changing the saturation by 10% instead.

 172, 172, 172


255, 255, 255


 227, 227, 227

 172, 172, 172

 145, 145, 145

 120, 120, 120

 95, 95, 95

 71, 71, 71

 49, 49, 49

 28, 28, 28

 1, 1, 1

 0, 0, 0

 172, 172, 172

 172, 172, 172

■ 172, 155, 155

■ 172, 181, 189

■ 172, 138, 138

■ 172, 189, 206

■ 172, 120, 120

■ 172, 198, 224

■ 172, 103, 103

■ 172, 207, 241

■ 172, 86, 86

■ 172, 214, 255

■ 172, 69, 69

■ 172, 52, 52

■ 172, 34, 34

■ 172, 17, 17

Harmonies

Sweetspot

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



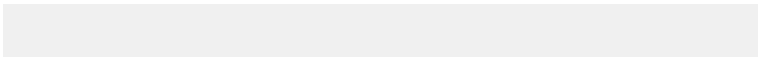
172, 172, 172



224, 224, 224



112, 112, 112



240, 240, 240

Same Dimension

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



172, 172, 172



224, 224, 224



87, 87, 87



150, 0, 0



23, 0, 0

Inverse Universe

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



172, 172, 172



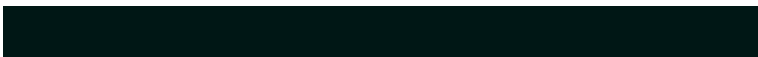
224, 224, 224



87, 87, 87



0, 75, 150



0, 12, 23

Previews

White Background



This preview shows how the RYB color 172, 172, 172 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 172, 172, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

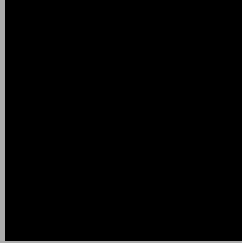
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

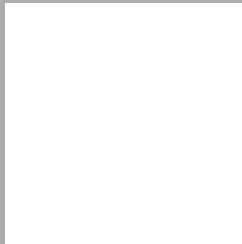
Any Text WCAG AAA ✓ Pass

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

RYB 172, 172, 172 Background



This preview shows how black text looks on a background with the RYB color 172, 172, 172.



This preview shows how white text looks on a background with the RYB color 172, 172, 172.

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

172, 172, 172

Protanopia

175, 171, 171

Deuteranopia

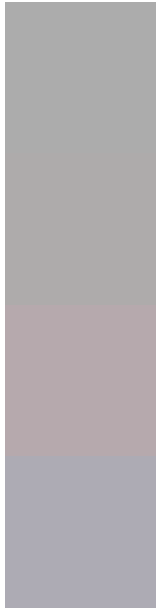
188, 167, 173



Tritanopia

174, 170, 184

Trichromacy



Original Color

172, 172, 172

Protanomaly

174, 171, 171

Deuteranomaly

182, 169, 173

Tritanomaly

173, 171, 180

Monochromacy



Original Color

172, 172, 172

Achromatopsia

172, 172, 172

Achromatomaly

172, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 172, 172 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(172, 172, 172) looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 172)  
}
```

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(172, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 172, 172 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(172, 172, 172) }
```

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

```
.border{ border-color:rgb(172, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 172, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 172) }
```

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

```
.background{ background-color: rgb(172,  
172, 172) }
```

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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