

Converting Colors

RGB(247, 247, 247)

Have a look what the booklet for
RGB(247, 247, 247) contains.

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Color

RGB(247, 247, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F7
RGB	247, 247, 247
RGB Percent	97%, 97%, 97%
CMY	0.0314, 0.0314, 0.0314
CMYK	0.00, 0.00, 0.00, 0.03
HSL	0°, 0%, 97%
HSV	0°, 0%, 97%
XYZ	88.4070, 93.0111, 101.2891

Conversions

Conversions Part 2

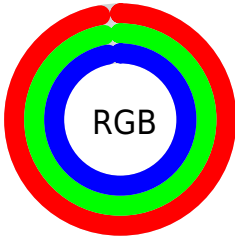
Format	Color
R _Y B	247, 247, 247
Decimal	16250871
CIE Lab	97.23, 0.01, -0.01
CIE LCh	97, 0.011, 296.813
Yxy	93.0111, 0.3127, 0.3290
Android (android.graphics.Color)	4294440951 (0xFF7F7F7F)
YUV	247.0000, 0.0000, 0.0000

Details

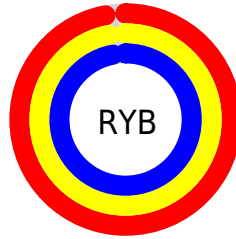
The RGB color `247, 247, 247` is a light color, and the **websafe** version is hex `FFFFFF`. A complement of this color would be `247, 247, 247`, and the grayscale version is `247, 247, 247`.

A 20% lighter version of the original color is `255, 255, 255`, and `191, 191, 191` is the 20% darker color. If you saturate the color by 10%, you get `247, 222, 222`, and if you desaturate by 10%, it is `247, 255, 255`.

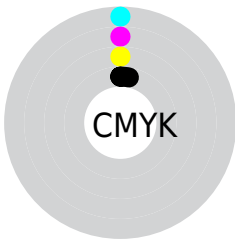
Distribution



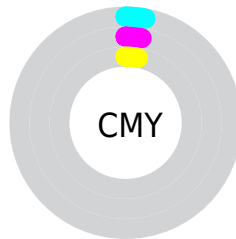
- Red (97%)
- Green (97%)
- Blue (97%)



- Red (97%)
- Yellow (97%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 247, 247 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 RGB color 247, 247, 247 by changing the saturation by 10% instead.


 247, 247, 247

255, 255, 255

 247, 247, 247

 219, 219, 219

 191, 191, 191

 164, 164, 164

 137, 137, 137

 112, 112, 112

 88, 88, 88


 64, 64, 64

 42, 42, 42


 22, 22, 22


 247, 247, 247

 247, 222, 222

 247, 198, 198

 247, 173, 173

 247, 148, 148

 247, 124, 124

 247, 247, 247

 247, 255, 255

■ 247, 99, 99

■ 247, 74, 74

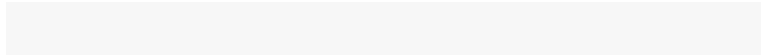
■ 247, 49, 49

■ 247, 25, 25

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



247, 247, 247

255, 255, 255



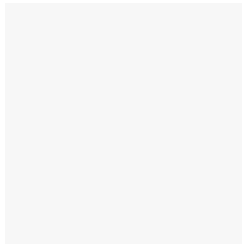
128, 128, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 247, 247, 247 looks on a white background.

Color Contrast Check

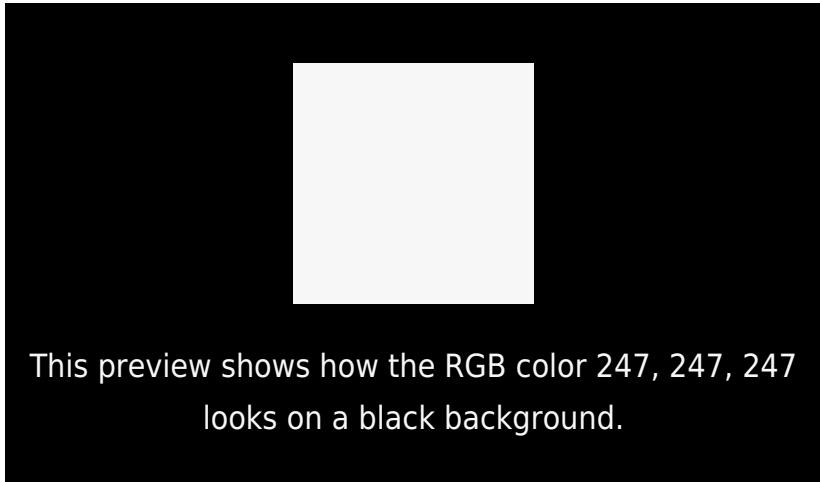
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

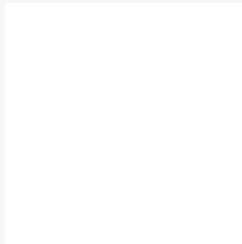
Any Text WCAG AAA ✓ Pass

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

RGB 247, 247, 247 Background



This preview shows how black text looks on a background with the RGB color 247, 247, 247.

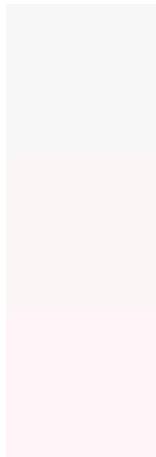


This preview shows how white text looks on a background with the RGB color 247, 247, 247.

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
247, 247, 247

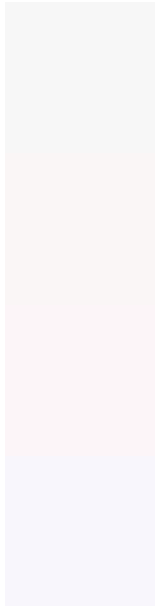
Protanopia
251, 246, 246

Deuteranopia
255, 244, 248



Tritanopia
248, 246, 255

Trichromacy



Original Color

247, 247, 247

Protanomaly

250, 246, 246

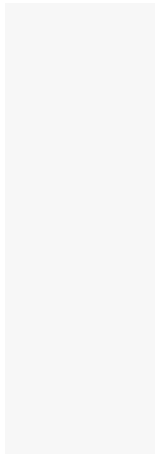
Deuteranomaly

252, 245, 248

Tritanomaly

248, 246, 252

Monochromacy



Original Color

247, 247, 247

Achromatopsia

247, 247, 247

Achromatomaly

247, 247, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 247, 247 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(247, 247, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 247)  
}
```

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(247, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 247) }
```

Border

The CSS property to change the border of an element to RGB 247, 247, 247 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(247, 247, 247) }
```

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

```
.border{ border-color:rgb(247, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 247, 247, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 247) }
```

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

```
.background{ background-color: rgb(247,  
247, 247) }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

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