

# Converting Colors

XYZ(43.2775, 44.6583, 48.1686)

Have a look what the booklet for  
XYZ(43.2775, 44.6583, 48.1686)  
contains.

<b>XYZ(43.1864, 44.6859, 47.9440)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**XYZ(43.1864, 44.6859,  
47.9440)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B7B1B1
RGB	183, 177, 177
RGB Percent	72%, 69%, 69%
CMY	0.2823, 0.3059, 0.3059
CMYK	0.00, 0.03, 0.03, 0.28
HSL	0°, 4%, 71%
HSV	0°, 3%, 72%
XYZ	43.1864, 44.6859, 47.9440
YIQ	178.7940, 3.5760, 1.2720

# Conversions

## Conversions Part 2

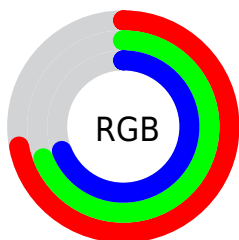
Format	Color
<a href="#">RYB</a>	<a href="#">183, 177, 177</a>
Decimal	<a href="#">12038577</a>
CIELab	<a href="#">72.68, 2.13, 0.75</a>
CIELCh	<a href="#">73, 2.257, 19.374</a>
Yxy	<a href="#">44.6859, 0.3180, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4290228657</a> (0xFFB7B1B1)
YUV	<a href="#">178.7940, -0.8844, 3.6887</a>
Hunter-Lab	<a href="#">66.8475, -1.6644, 4.2696</a>

# Details

The XYZ color **43.1864, 44.6859, 47.9440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6121, 46.6323, 51.5027**, and the grayscale version is **42.7424, 44.9683, 48.9705**.

A 20% lighter version of the original color is **79.4435, 82.5117, 88.8300**, and **20.0517, 20.6164, 21.9913** is the 20% darker color. If you saturate the color by 10%, you get **38.1099, 37.2584, 37.8480**, and if you desaturate by 10%, it is **48.9943, 53.1835, 59.4917**.

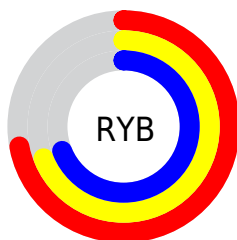
# Distribution



Red (72%)

Green (69%)

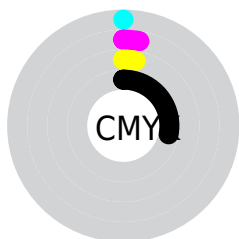
Blue (69%)



Red (72%)

Yellow (69%)

Blue (69%)

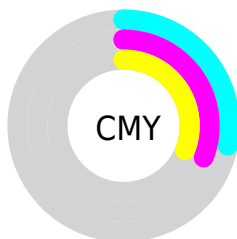


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (31%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1864, 44.6859, 47.9440 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 XYZ color 43.1864, 44.6859, 47.9440 by changing the saturation by 10% instead.





 43.1864, 44.6859,  
47.9440

 43.1864, 44.6859,  
47.9440


350.2863,  
365.5000, 395.0724

 30.2266, 31.2101,  
33.4229


 79.2460, 82.2489,  
88.4857

 20.1595, 20.7589,  
22.1768


103.0765,  
107.1048, 115.3433

 12.6200, 12.9479,  
13.7873


131.2613,  
136.5229, 147.1502

 7.2426, 7.3927,  
7.8358

164.1656,  
170.8876, 184.3249

 3.6620, 3.7089,  
3.9038

202.1550,  
210.5833, 227.2860

 1.5127, 1.5121,  
1.5727


245.5946,


 0.3345, 0.2972,


255.9943, 276.4519


0.2712


294.8499,  
307.5051, 332.2412


 0.0000, 0.0000,  
0.0000


 43.1864, 44.6859,  
47.9440


 43.1864, 44.6859,  
47.9440


 38.1099, 37.2584,  
37.8480


 48.9943, 53.1835,  
59.4917


 33.7322, 30.8531,  
29.1436


 55.5570, 62.7853,  
72.5424

 30.0238, 25.4271,  
21.7706

 62.9016, 73.5307,  
87.1482

 26.9519, 20.9321,  
15.6635

 71.0525, 85.4559,  
103.3581

 24.4807, 17.3159,  
10.7510

 73.3387, 88.8074,  
107.8839

■ 22.5707, 14.5208,  
6.9550

■ 21.1782, 12.4828,  
4.1879

■ 20.2526, 11.1278,  
2.3493

■ 19.7332, 10.3673,  
1.3186

# Harmonies

## Analogous

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



43.2164, 44.6859, 49.0538



43.1864, 44.6859, 47.9440



42.9644, 44.6859, 47.0381

# Triad

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



43.1864, 44.6859, 47.9440



41.9041, 44.6859, 47.2657



42.3340, 44.6859, 50.8042

# Complementary

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



43.1864, 44.6859, 47.9440



43.6121, 46.6323, 51.5027

# 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.



41.9846, 44.6859, 50.3093



43.1864, 44.6859, 47.9440



41.7374, 44.6859, 48.2591

# Square

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



43.1864, 44.6859, 47.9440



42.2235, 44.6859, 46.6506



41.7667, 44.6859, 49.3737



42.7227, 44.6859, 50.7167



# Rectangle

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



43.1864, 44.6859, 47.9440



42.7382, 44.6859, 46.6663



41.7667, 44.6859, 49.3737



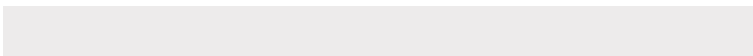
42.2081, 44.6859, 50.7001

# Sweetspot

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



43.1877, 44.6878, 47.9450



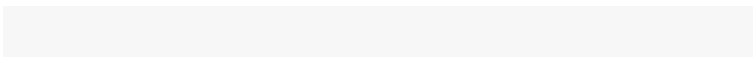
79.5839, 83.3064, 90.3148



43.7984, 44.9311, 51.1645



17.5893, 18.4169, 19.9710



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

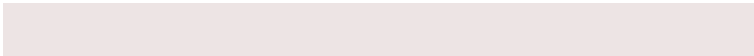


# Same Dimension

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



43.1877, 44.6878, 47.9450



76.5846, 78.9181, 84.3507



43.7861, 45.8848, 48.1445



9.5480, 9.8074, 10.4517



13.6243, 7.0250, 0.6379



0.4804, 0.2479, 0.0225

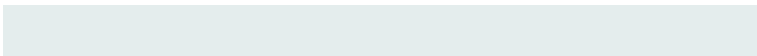


# Inverse Universe

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



43.6121, 46.6323, 51.5027



77.5225, 83.2145, 92.2119



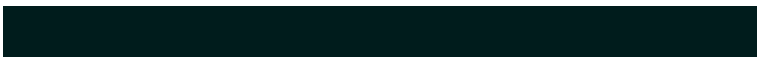
43.0006, 45.4092, 51.2988



9.6828, 10.4248, 11.5813



17.7615, 25.9828, 35.3321

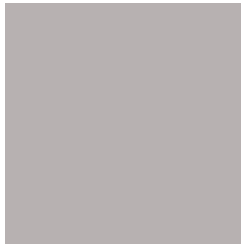


0.6263, 0.9162, 1.2456



# Previews

## White Background



This preview shows how the XYZ color 43.1864, 44.6859, 47.9440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

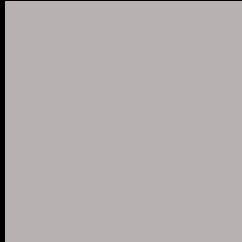
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.1864, 44.6859, 47.9440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

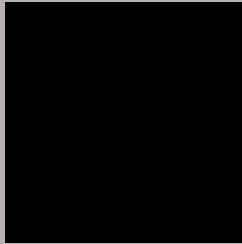
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.1864, 44.6859, 47.9440**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.1864, 44.6859, 47.9440.



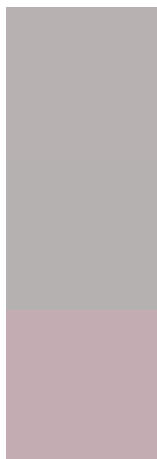
This preview shows how white text looks on a background with the XYZ color 43.1864, 44.6859,



# 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

43.1864, 44.6859, 47.9440

### Protanopia

42.9494, 44.5637, 47.9330

### Deuteranopia

45.7444, 44.8373, 48.3629



## Tritanopia

44.5229, 44.6484, 54.4155

# Trichromacy



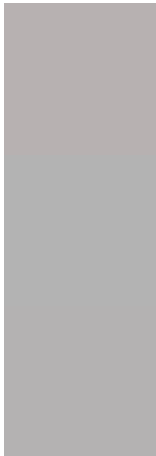
**Original Color**  
43.1864, 44.6859, 47.9440

**Protanomaly**  
42.9494, 44.5637, 47.9330

**Deuteranomaly**  
44.6578, 44.5628, 48.3672

**Tritanomaly**  
44.0495, 44.7438, 52.2137

# Monochromacy



**Original Color**  
43.1864, 44.6859, 47.9440

**Achromatopsia**  
42.8472, 45.0786, 49.0906

**Achromatomaly**  
42.7787, 44.7584, 48.5040

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.1864, 44.6859, 47.9440 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(183, 177, 177) looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 177)  
}
```

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(183, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 177) }
```

## Border

The CSS property to change the border of an element to XYZ 43.1864, 44.6859, 47.9440 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(183, 177, 177) }
```



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

```
.border{ border-color:rgb(183, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
177) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.1864, 44.6859, 47.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 177) }
```

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

```
.background{ background-color: rgb(183,  
177, 177) }
```

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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