

Converting Colors

XYZ(44.3371, 47.4657, 48.3126)

Have a look what the booklet for
XYZ(44.3371, 47.4657, 48.3126)
contains.

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Color

**XYZ(44.3677, 47.4004,
48.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8B1
RGB	182, 184, 177
RGB Percent	71%, 72%, 69%
CMY	0.2863, 0.2784, 0.3059
CMYK	0.01, 0.00, 0.04, 0.28
HSL	77°, 5%, 71%
HSV	77°, 4%, 72%
XYZ	44.3677, 47.4004, 48.4057
YIQ	182.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

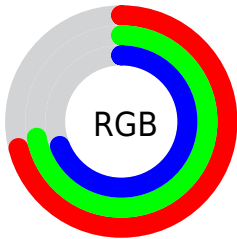
Format	Color
RYB	177, 184, 179
Decimal	11974833
CIELab	74.45, -1.99, 3.30
CIElCh	74, 3.849, 121.057
Yxy	47.4004, 0.3165, 0.3382
Android (android.graphics.Color)	4290164913 (0xFFB6B8B1)
YUV	182.6040, -2.7628, -0.5297
Hunter-Lab	68.8479, -5.4531, 6.5079

Details

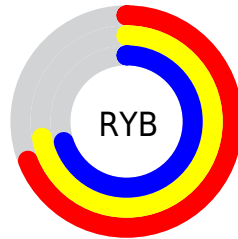
The XYZ color **44.3677, 47.4004, 48.4057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9661, 44.4899, 51.6727**, and the grayscale version is **44.8083, 47.1418, 51.3374**.

A 20% lighter version of the original color is **81.1280, 86.3805, 89.4880**, and **20.8077, 22.3550, 22.2870** is the 20% darker color. If you saturate the color by 10%, you get **41.4365, 46.0885, 39.3316**, and if you desaturate by 10%, it is **47.5957, 48.8394, 58.7866**.

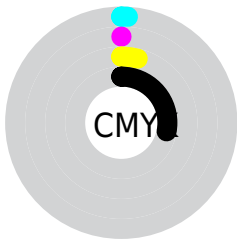
Distribution



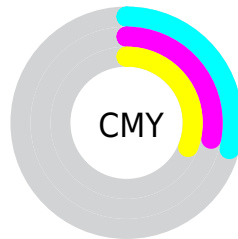
- Red (71%)
- Green (72%)
- Blue (69%)



- Red (69%)
- Yellow (72%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3677, 47.4004, 48.4057 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 44.3677, 47.4004, 48.4057 by changing the saturation by 10% instead.

■ 44.3677, 47.4004,
48.4057

■ 44.3677, 47.4004,
48.4057

355.0336,
376.4105, 396.9530

■ 31.1588, 33.3523,
33.7860

■ 81.0137, 86.3110,
89.1800

■ 20.8722, 22.3965,
22.4532

105.1815,
111.9423, 116.1716

■ 13.1426, 14.1485,
13.9888

133.7330,
142.2034, 148.1244

■ 7.6045, 8.2240,
7.9742

167.0336,
177.4787, 185.4567

■ 3.8926, 4.2386,
3.9909

205.4486,
218.1527, 228.5872

■ 1.6415, 1.8079,
1.6204

249.3434,

■ 0.4193, 0.4921,

264.6098, 277.9344

0.3053

299.0832,
317.2342, 333.9168

■ 0.0000, 0.0000,
0.0000

■ 44.3677, 47.4004,
48.4057

■ 44.3677, 47.4004,
48.4057

■ 41.4365, 46.0885,
39.3316

■ 47.5957, 48.8394,
58.7866

■ 38.7877, 44.8934,
31.5094

■ 51.1262, 50.4034,
70.5201

■ 36.4117, 43.8127,
24.8850

■ 54.9698, 52.0982,
83.6537

■ 34.2967, 42.8416,
19.3990

■ 59.1355, 53.9274,
98.2313

■ 32.4298, 41.9749,
14.9869

■ 61.2941, 54.9593,
101.9854

■ 30.7972, 41.2070,
11.5778

■ 62.8019, 55.7366,
102.0560

■ 29.3832, 40.5316,
9.0925

■ 64.3592, 56.5394,
102.1288

■ 28.1699, 39.9414,
7.4396

■ 65.9667, 57.3681,
102.2041

■ 27.1358, 39.4279,
6.5089

■ 67.6247, 58.2228,
102.2817

Harmonies

Analogous

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



45.0280, 47.4004, 47.8833



44.3677, 47.4004, 48.4057



43.8949, 47.4004, 49.7834

Triad

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



44.3677, 47.4004, 48.4057



44.4099, 47.4004, 55.0283



46.4001, 47.4004, 51.5405

Complementary

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



44.3677, 47.4004, 48.4057



42.9661, 44.4899, 51.6727

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.



46.2306, 47.4004, 53.4827



44.3677, 47.4004, 48.4057



45.0773, 47.4004, 55.5273

Square

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



44.3677, 47.4004, 48.4057



43.9191, 47.4004, 53.6079



45.7446, 47.4004, 54.9547



46.2055, 47.4004, 49.6643

Rectangle

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



44.3677, 47.4004, 48.4057



43.7472, 47.4004, 51.0192



45.7446, 47.4004, 54.9547



46.3838, 47.4004, 52.2074

Sweetspot

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



44.3690, 47.4024, 48.4067



82.0036, 86.6290, 92.7521



43.8214, 45.5997, 48.0876



17.6849, 18.6784, 20.0164



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.



44.3690, 47.4024, 48.4067



79.7181, 85.6087, 85.5141



43.5567, 46.9837, 48.3687



9.7397, 10.4812, 10.3756



18.3751, 27.0090, 4.2448



0.7055, 0.9819, 0.1523

Inverse Universe

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



42.9661, 44.4899, 51.6727



76.3501, 78.6164, 93.3550



43.7813, 44.9102, 51.7109



9.2862, 9.5398, 11.4314



7.0230, 2.9317, 31.4488



0.3106, 0.1359, 1.1116

Previews

White Background



This preview shows how the XYZ color 44.3677, 47.4004, 48.4057 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 44.3677, 47.4004, 48.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

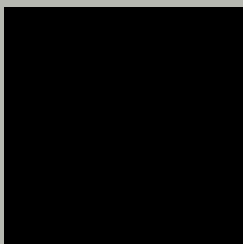
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

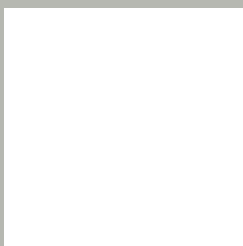
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3677, 47.4004, 48.4057

Background



This preview shows how black text looks on a background with the XYZ color 44.3677, 47.4004, 48.4057.



This preview shows how white text looks on a background with the XYZ color 44.3677, 47.4004,

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

44.3677, 47.4004, 48.4057

Protanopia

45.3035, 47.2819, 47.8129

Deuteranopia

48.1151, 47.2152, 48.6970



Tritanopia

46.4953, 47.3476, 58.9130

Trichromacy



Original Color

44.3677, 47.4004, 48.4057

Protanomaly

45.0197, 47.4407, 47.8585

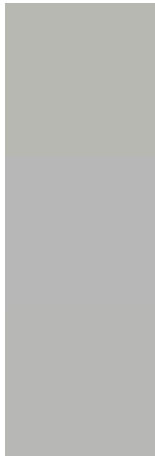
Deuteranomaly

46.8628, 47.4590, 48.8100

Tritanomaly

45.6804, 47.3204, 54.8702

Monochromacy



Original Color

44.3677, 47.4004, 48.4057

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8024, 47.2704, 50.4788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3677, 47.4004, 48.4057 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(182, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 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(182, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 177) }
```

Border

The CSS property to change the border of an element to XYZ 44.3677, 47.4004, 48.4057 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(182, 184, 177) }
```


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

```
.border{ border-color:rgb(182, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3677, 47.4004, 48.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 177) }
```

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

```
.background{ background-color: rgb(182,  
184, 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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