

Converting Colors

XYZ(44.3123, 47.0055, 48.3333)

Have a look what the booklet for
XYZ(44.3123, 47.0055, 48.3333)
contains.

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Color

**XYZ(44.3977, 47.1086,
48.3478)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B7B1
RGB	183, 183, 177
RGB Percent	72%, 72%, 69%
CMY	0.2823, 0.2823, 0.3059
CMYK	0.00, 0.00, 0.03, 0.28
HSL	60°, 4%, 71%
HSV	60°, 3%, 72%
XYZ	44.3977, 47.1086, 48.3478
YIQ	182.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

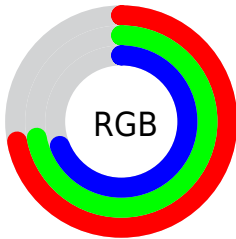
Format	Color
RYB	177, 183, 177
Decimal	12040113
CIELab	74.26, -1.10, 3.04
CIELCh	74, 3.230, 109.852
Yxy	47.1086, 0.3175, 0.3368
Android (android.graphics.Color)	4290230193 (0xFFB7B7B1)
YUV	182.3160, -2.6208, 0.5999
Hunter-Lab	68.6357, -4.6480, 6.2804

Details

The XYZ color **44.3977, 47.1086, 48.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4027, 44.2116, 51.1011**, and the grayscale version is **44.6499, 46.9751, 51.1559**.

A 20% lighter version of the original color is **81.1711, 85.9669, 89.4059**, and **20.8266, 22.1663, 22.2496** is the 20% darker color. If you saturate the color by 10%, you get **42.6924, 46.4277, 39.3762**, and if you desaturate by 10%, it is **46.3503, 47.8915, 58.6099**.

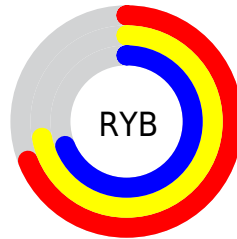
Distribution



Red (72%)

Green (72%)

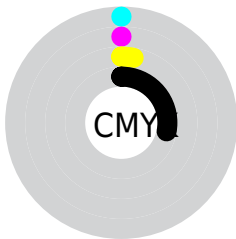
Blue (69%)



Red (69%)

Yellow (72%)

Blue (69%)

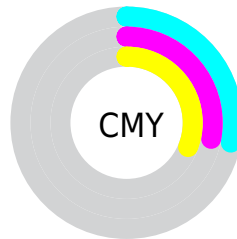


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3977, 47.1086, 48.3478 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 44.3977, 47.1086, 48.3478 by changing the saturation by 10% instead.

■ 44.3977, 47.1086,
48.3478

■ 44.3977, 47.1086,
48.3478

355.1536,
375.2479, 396.7175

■ 31.1825, 33.1215,
33.7405

■ 81.0585, 85.8757,
89.0930

■ 20.8904, 22.2196,
22.4185

105.2348,
111.4245, 116.0678

■ 13.1559, 14.0183,
13.9635

133.7956,
141.5960, 148.0023

■ 7.6137, 8.1334,
7.9568

167.1062,
176.7746, 185.3149

■ 3.8985, 4.1804,
3.9800

205.5319,
217.3447, 228.4242

■ 1.6449, 1.7750,
1.6144

249.4382,

■ 0.4214, 0.4715,

263.6907, 277.7487

0.3010

299.1903,
316.1969, 333.7069

■ 0.0000, 0.0000,
0.0000

■ 44.3977, 47.1086,
48.3478

■ 44.3977, 47.1086,
48.3478

■ 42.6924, 46.4277,
39.3762

■ 46.3503, 47.8915,
58.6099

■ 41.2208, 45.8387,
31.6412

■ 48.5554, 48.7738,
70.2074

■ 39.9739, 45.3396,
25.0894

■ 51.0230, 49.7612,
83.1871

■ 38.9406, 44.9260,
19.6625

■ 53.7612, 50.8568,
97.5924

■ 38.1090, 44.5930,
15.2974

■ 54.5268, 51.1633,
101.6094

■ 37.4657, 44.3354,
11.9244

■ 54.5295, 51.1647,
101.6095

■ 36.9961, 44.1473,
9.4658

■ 54.5323, 51.1662,
101.6096

■ 36.6832, 44.0218,
7.8323

■ 54.5350, 51.1676,
101.6098

■ 36.5066, 43.9508,
6.9167

■ 54.5378, 51.1690,
101.6099

Harmonies

Analogous

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



44.9721, 47.1086, 48.2135



44.3977, 47.1086, 48.3478



43.9284, 47.1086, 49.2617

Triad

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



44.3977, 47.1086, 48.3478



44.0602, 47.1086, 53.7732



45.8819, 47.1086, 51.8580

Complementary

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



44.3977, 47.1086, 48.3478



42.4027, 44.2116, 51.1011

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.



45.6331, 47.1086, 53.3800



44.3977, 47.1086, 48.3478



44.5791, 47.1086, 54.5015

Square

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



44.3977, 47.1086, 48.3478



43.7347, 47.1086, 52.3854



45.1551, 47.1086, 54.3560



45.8323, 47.1086, 50.2164

Rectangle

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



44.3977, 47.1086, 48.3478



43.7366, 47.1086, 50.2011



45.1551, 47.1086, 54.3560



45.8303, 47.1086, 52.4011

Sweetspot

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



44.3990, 47.1106, 48.3488



80.2657, 84.6707, 90.5422



43.1879, 44.6870, 47.9448



17.7322, 18.7027, 20.0186



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.



44.3990, 47.1106, 48.3488



79.2578, 84.2674, 85.2424



43.6935, 46.7469, 48.3158



9.9321, 10.5761, 10.5798



25.4176, 30.6396, 4.5744



0.8962, 1.0802, 0.1613

Inverse Universe

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



42.4027, 44.2116, 51.1011



74.8493, 77.8654, 91.3202



43.0932, 44.5675, 51.1334



9.2986, 9.6562, 11.4532



5.9639, 2.3857, 31.3992



0.2104, 0.0842, 1.1069

Previews

White Background



This preview shows how the XYZ color 44.3977, 47.1086, 48.3478 looks on a white background.

Color Contrast Check

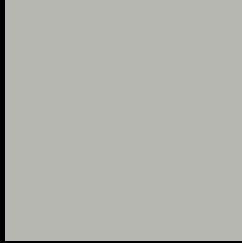
Large Text (above 18pt) WCAG AA × Fail

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 44.3977, 47.1086, 48.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

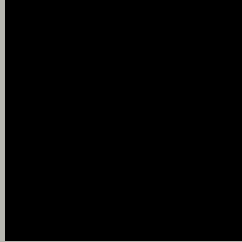
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3977, 47.1086, 48.3478

Background



This preview shows how black text looks on a background with the XYZ color 44.3977, 47.1086, 48.3478.



This preview shows how white text looks on a background with the XYZ color 44.3977, 47.1086,

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

44.3977, 47.1086, 48.3478

Protanopia

45.0579, 47.1553, 47.8014

Deuteranopia

48.1151, 47.2152, 48.6970



Tritanopia

46.4213, 47.0218, 58.2592

Trichromacy



Original Color

44.3977, 47.1086, 48.3478

Protanomaly

44.8141, 47.0296, 47.7900

Deuteranomaly

46.6617, 47.0567, 48.7430

Tritanomaly

45.6086, 46.9929, 54.2437

Monochromacy



Original Color

44.3977, 47.1086, 48.3478

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.2576, 46.6963, 49.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3977, 47.1086, 48.3478 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, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 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, 183, 177) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 44.3977, 47.1086, 48.3478 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, 183, 177) }
```


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

```
.border{ border-color:rgb(183, 183, 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, 183, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 44.3977, 47.1086, 48.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(183,  
183, 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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