

Converting Colors

XYZ(45.0100, 47.5037, 51.8848)

Have a look what the booklet for
XYZ(45.0100, 47.5037, 51.8848)
contains.

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Color

**XYZ(45.0836, 47.6868,
52.1757)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8B8
RGB	182, 184, 184
RGB Percent	71%, 72%, 72%
CMY	0.2863, 0.2784, 0.2784
CMYK	0.01, 0.00, 0.00, 0.28
HSL	180°, 1%, 72%
HSV	180°, 1%, 72%
XYZ	45.0836, 47.6868, 52.1757
YIQ	183.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

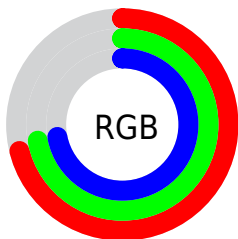
Format	Color
RYB	182, 183, 184
Decimal	11974840
CIELab	74.63, -0.69, -0.25
CIElCh	75, 0.739, 200.038
Yxy	47.6868, 0.3110, 0.3290
Android (android.graphics.Color)	4290164920 (0xFFB6B8B8)
YUV	183.4020, 0.2948, -1.2296
Hunter-Lab	69.0556, -4.3120, 3.5418

Details

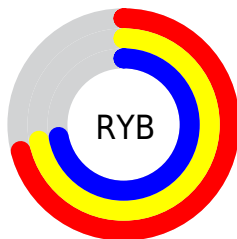
The XYZ color **45.0836, 47.6868, 52.1757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9404, 47.0248, 50.9664**, and the grayscale version is **45.2305, 47.5860, 51.8212**.

A 20% lighter version of the original color is **82.1482, 86.7886, 94.8603**, and **21.2663, 22.5384, 24.7022** is the 20% darker color. If you saturate the color by 10%, you get **41.0176, 45.5924, 51.9697**, and if you desaturate by 10%, it is **49.7233, 50.0796, 52.4105**.

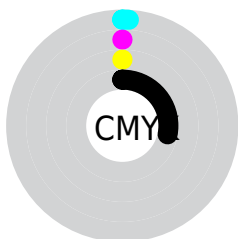
Distribution



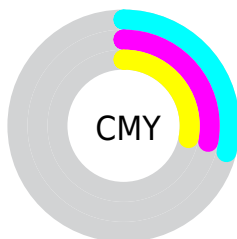
- Red (71%)
- Green (72%)
- Blue (72%)



- Red (71%)
- Yellow (72%)
- Blue (72%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0836, 47.6868, 52.1757 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 45.0836, 47.6868, 52.1757 by changing the saturation by 10% instead.

■ 45.0836, 47.6868,
52.1757

■ 45.0836, 47.6868,
52.1757

357.8900,
377.5493, 412.0908

■ 31.7248, 33.5789,
36.7619

■ 82.0821, 86.7379,
94.8195

■ 21.3059, 22.5703,
24.7289

106.4526,
112.4499, 122.8867

■ 13.4616, 14.2766,
15.6580

135.2244,
142.7988, 156.0087

■ 7.8263, 8.3133,
9.1307

168.7628,
178.1688, 194.6041

■ 4.0349, 4.2960,
4.7286

207.4332,
218.9445, 239.0915

■ 1.7219, 1.8405,
2.0330

251.6010,

■ 0.4699, 0.5122,

265.5103, 289.8894

0.5754

301.6315,
318.2504, 347.4163

■ 0.0000, 0.0000,
0.0000

■ 45.0836, 47.6868,
52.1757

■ 45.0836, 47.6868,
52.1757

■ 41.0176, 45.5924,
51.9697

■ 49.7233, 50.0796,
52.4105

■ 37.4993, 43.7790,
51.7884

■ 54.9536, 52.7756,
52.6719

■ 34.5063, 42.2365,
51.6317

■ 60.7956, 55.7869,
52.9620

■ 32.0135, 40.9518,
51.4984

■ 67.0461, 59.0087,
53.2712

■ 29.9937, 39.9108,
51.3872

■ 67.0493, 59.0100,
53.2880

■ 28.4168, 39.0983,
51.2967

■ 67.0525, 59.0113,
53.3049

■ 27.2496, 38.4970,
51.2255

■ 67.0557, 59.0126,
53.3217

■ 26.4541, 38.0872,
51.1716

■ 67.0589, 59.0139,
53.3386

■ 25.9851, 37.8458,
51.1330

■ 67.0621, 59.0151,
53.3554

Harmonies

Analogous

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



45.0719, 47.6868, 51.7955



45.0836, 47.6868, 52.1757



45.1598, 47.6868, 52.4896

Triad

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



45.0836, 47.6868, 52.1757



45.5224, 47.6868, 52.3975



45.3694, 47.6868, 51.2005

Complementary

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



45.0836, 47.6868, 52.1757



44.9404, 47.0248, 50.9664

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.



45.4903, 47.6868, 51.3601



45.0836, 47.6868, 52.1757



45.5787, 47.6868, 52.0504

Square

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



45.0836, 47.6868, 52.1757



45.4131, 47.6868, 52.6181



45.5670, 47.6868, 51.6708



45.2368, 47.6868, 51.2337

Rectangle

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



45.0836, 47.6868, 52.1757



45.2371, 47.6868, 52.6185



45.5670, 47.6868, 51.6708



45.4128, 47.6868, 51.2333

Sweetspot

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



45.0850, 47.6888, 52.1767



82.5889, 86.8899, 94.6231



44.8846, 47.6096, 51.0804



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



45.0850, 47.6888, 52.1767



81.7812, 86.4736, 94.5823



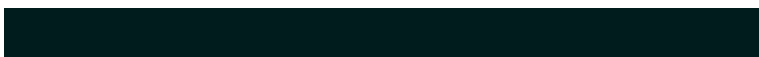
44.8848, 47.2880, 52.1117



10.0356, 10.6070, 11.5975



17.7541, 26.0026, 35.2226



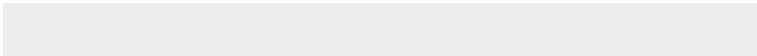
0.6261, 0.9167, 1.2428

Inverse Universe

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



44.9404, 47.0248, 50.9664



81.5364, 85.3492, 92.5327



45.1390, 47.4227, 51.0309



10.0080, 10.4804, 11.3666



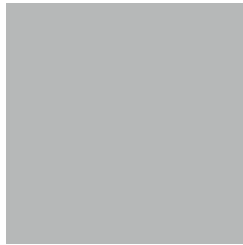
13.6248, 7.0237, 0.6450



0.4805, 0.2477, 0.0238

Previews

White Background



This preview shows how the XYZ color 45.0836, 47.6868, 52.1757 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 45.0836, 47.6868, 52.1757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

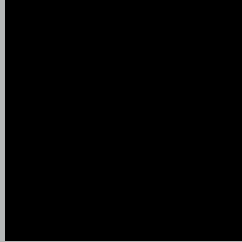
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

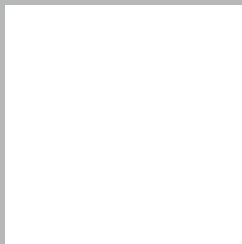
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0836, 47.6868, 52.1757

Background



This preview shows how black text looks on a background with the XYZ color 45.0836, 47.6868, 52.1757.

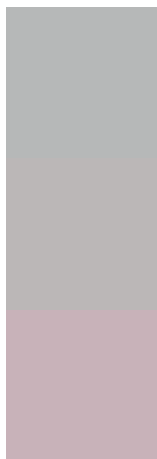


This preview shows how white text looks on a background with the XYZ color 45.0836, 47.6868,

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

45.0836, 47.6868, 52.1757

Protanopia

45.9742, 47.8507, 51.6127

Deuteranopia

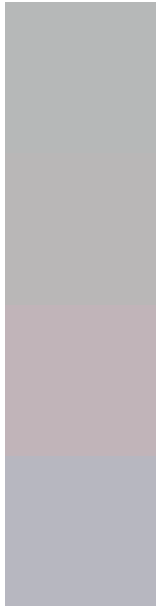
48.4968, 47.6229, 52.5350



Tritanopia

46.4589, 47.6318, 58.9698

Trichromacy



Original Color

45.0836, 47.6868, 52.1757

Protanomaly

45.4883, 47.6002, 51.5900

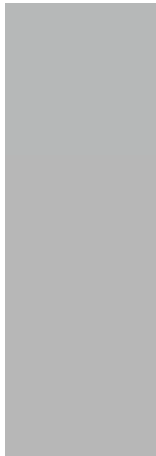
Deuteranomaly

47.0705, 47.4828, 52.5831

Tritanomaly

45.9764, 47.7400, 56.6607

Monochromacy



Original Color

45.0836, 47.6868, 52.1757

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.0092, 47.3531, 51.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0836, 47.6868, 52.1757 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 184)  
}
```

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, 184) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 45.0836, 47.6868, 52.1757 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, 184) }
```

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

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

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, 184)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 45.0836, 47.6868, 52.1757 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, 184) }
```

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

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

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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