

Converting Colors

XYZ(41.2545, 48.0426, 46.3546)

Have a look what the booklet for
XYZ(41.2545, 48.0426, 46.3546)
contains.

XYZ(41.1815, 48.0267, 46.1293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1815, 48.0267,
46.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BFAC
RGB	163, 191, 172
RGB Percent	64%, 75%, 67%
CMY	0.3608, 0.2510, 0.3255
CMYK	0.15, 0.00, 0.10, 0.25
HSL	139°, 18%, 69%
HSV	139°, 15%, 75%
XYZ	41.1815, 48.0267, 46.1293
YIQ	180.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

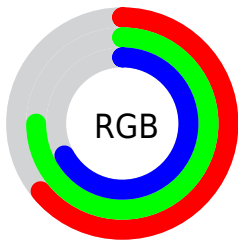
Format	Color
RYB	163, 184, 191
Decimal	10731436
CIELab	74.84, -13.21, 6.41
CIELCh	75, 14.686, 154.109
Yxy	48.0267, 0.3043, 0.3549
Android (android.graphics.Color)	4288921516 (0xFFA3BFAC)
YUV	180.4620, -4.1718, -15.3142
Hunter-Lab	69.3013, -15.2057, 9.0455

Details

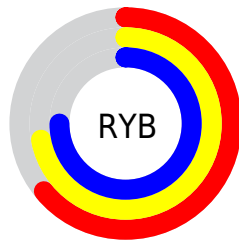
The XYZ color **41.1815, 48.0267, 46.1293** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0283, 40.6494, 49.8366**, and the grayscale version is **43.6577, 45.9313, 50.0192**.

A 20% lighter version of the original color is **76.0393, 86.9730, 85.4528**, and **19.0342, 22.9125, 21.1887** is the 20% darker color. If you saturate the color by 10%, you get **36.3775, 45.6884, 39.7204**, and if you desaturate by 10%, it is **46.7003, 50.7222, 53.2075**.

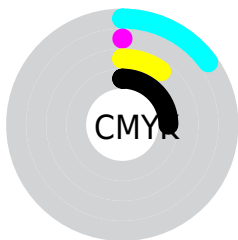
Distribution



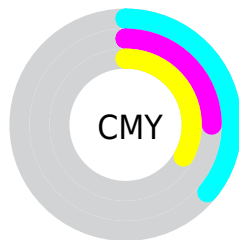
- Red (64%)
- Green (75%)
- Blue (67%)



- Red (64%)
- Yellow (72%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1815, 48.0267, 46.1293 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 41.1815, 48.0267, 46.1293 by changing the saturation by 10% instead.


 41.1815, 48.0267,
46.1293


 41.1815, 48.0267,
46.1293


342.1283,
378.8979, 387.6209

 28.6492, 33.8480,
31.9985


 76.2323, 87.2442,
85.7488

 18.9586, 22.7769,
21.0955

 99.4816, 113.0517,
112.0745

 11.7442, 14.4288,
13.0019


127.0338,
143.5044, 143.3023

 6.6407, 8.4195,
7.2991

159.2545,
178.9866, 179.8507

 3.2827, 4.3646,
3.5686

196.5089,
219.8826, 222.1382

 1.3050, 1.8795,
1.3918

239.1625,

 0.1869, 0.5360,

266.5769, 270.5834

0.1353

287.5805,
319.4539, 325.6048

■ 0.0000, 0.0000,
0.0000

■ 41.1815, 48.0267,
46.1293

■ 41.1815, 48.0267,
46.1293

■ 36.3775, 45.6884,
39.7204

■ 46.7003, 50.7222,
53.2075

■ 32.2545, 43.6862,
33.9583

■ 52.9579, 53.7827,
60.9705

■ 28.7817, 42.0059,
28.8235

■ 59.9823, 57.2238,
69.4373

■ 25.9245, 40.6303,
24.2947

■ 67.7986, 61.0580,
78.6250

■ 23.6449, 39.5400,
20.3490

■ 75.1300, 64.6267,
88.4895

■ 21.9003, 38.7139,
16.9625

■ 77.0912, 65.4112,
98.8172

■ 20.6422, 38.1271,
14.1091

■ 77.9217, 65.7434,
103.1906

■ 19.8122, 37.7504,
11.7606

■ 19.4845, 37.6045,
10.7013

Harmonies

Analogous

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



42.8279, 48.0267, 41.0350



41.1815, 48.0267, 46.1293



40.7143, 48.0267, 53.3540

Triad

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



41.1815, 48.0267, 46.1293



46.0170, 48.0267, 68.3794



50.0339, 48.0267, 44.4704

Complementary

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



41.1815, 48.0267, 46.1293



43.0283, 40.6494, 49.8366

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.



50.9649, 48.0267, 51.2459



41.1815, 48.0267, 46.1293



48.5891, 48.0267, 65.4419

Square

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



41.1815, 48.0267, 46.1293



43.4417, 48.0267, 66.6735



50.4262, 48.0267, 58.9825



47.9276, 48.0267, 40.1447

Rectangle

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



41.1815, 48.0267, 46.1293



41.1185, 48.0267, 58.5344



50.4262, 48.0267, 58.9825



50.4983, 48.0267, 46.5116

Sweetspot

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



41.1828, 48.0287, 46.1304



84.2682, 91.1481, 96.0861



44.5664, 49.8696, 41.9280



18.3277, 19.9289, 20.8769



92.9021, 97.7402, 106.4391



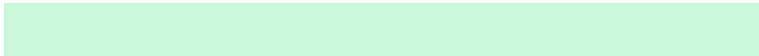
19.4759, 20.4902, 22.3138

Same Dimension

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



41.1828, 48.0287, 46.1304



70.4916, 84.4249, 78.3190



42.5854, 48.5898, 53.5164



9.5318, 10.6988, 10.7838



12.8373, 24.7252, 7.2062



0.5335, 0.9808, 0.4436

Inverse Universe

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



43.0283, 40.6494, 49.8366



74.5102, 68.3536, 86.3876



41.6649, 40.1041, 42.6568



9.7959, 9.6427, 11.3144



16.7892, 8.3468, 14.7156



0.6863, 0.3384, 0.7273

Previews

White Background



This preview shows how the XYZ color 41.1815, 48.0267, 46.1293 looks on a white background.

Color Contrast Check

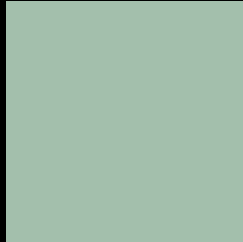
Large Text (above 18pt) WCAG AA × Fail

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 41.1815, 48.0267, 46.1293 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

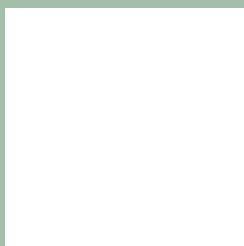
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1815, 48.0267, 46.1293

Background



This preview shows how black text looks on a background with the XYZ color 41.1815, 48.0267, 46.1293.



This preview shows how white text looks on a background with the XYZ color 41.1815, 48.0267,

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

41.1815, 48.0267, 46.1293

Protanopia

45.4872, 47.7705, 43.8690

Deuteranopia

48.8351, 47.9151, 47.2321



Tritanopia

44.5794, 48.1297, 62.8175

Trichromacy



Original Color

41.1815, 48.0267, 46.1293

Protanomaly

43.7764, 47.8061, 44.4564

Deuteranomaly

45.8087, 47.8701, 46.8699

Tritanomaly

43.1131, 47.8350, 56.2510

Monochromacy



Original Color

41.1815, 48.0267, 46.1293

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5319, 46.4540, 48.3198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1815, 48.0267, 46.1293 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(163, 191, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 172)  
}
```

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(163, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.1815, 48.0267, 46.1293 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(163, 191, 172) }
```


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

```
.border{ border-color:rgb(163, 191, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 191, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 191,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1815, 48.0267, 46.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 172) }
```

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

```
.background{ background-color: rgb(163,  
191, 172) }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor