

Converting Colors

XYZ(41.5160, 48.2848, 44.8082)

Have a look what the booklet for
XYZ(41.5160, 48.2848, 44.8082)
contains.

XYZ(41.5181, 48.2332, 44.6578)	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(41.5181, 48.2332,
44.6578)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFA9
RGB	166, 191, 169
RGB Percent	65%, 75%, 66%
CMY	0.3490, 0.2510, 0.3372
CMYK	0.13, 0.00, 0.12, 0.25
HSL	127°, 16%, 70%
HSV	127°, 13%, 75%
XYZ	41.5181, 48.2332, 44.6578
YIQ	181.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

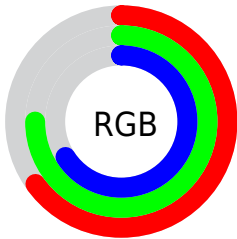
Format	Color
R_{YB}	166, 188, 191
Decimal	10928041
CIE _{Lab}	74.97, -12.74, 8.25
CIE _{LCh}	75, 15.182, 147.078
Yxy	48.2332, 0.3089, 0.3589
Android (android.graphics.Color)	4289118121 (0xFFA6BFA9)
YUV	181.0170, -5.9244, -13.1699
Hunter-Lab	69.4501, -14.8283, 10.4904

Details

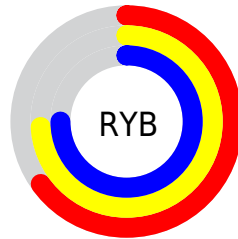
The XYZ color **41.5181, 48.2332, 44.6578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2009, 41.9807, 53.3526**, and the grayscale version is **43.9653, 46.2549, 50.3716**.

A 20% lighter version of the original color is **76.5341, 87.2755, 83.3331**, and **19.2388, 23.0387, 20.2625** is the 20% darker color. If you saturate the color by 10%, you get **36.3299, 45.7307, 36.7009**, and if you desaturate by 10%, it is **47.5065, 51.1275, 53.7132**.

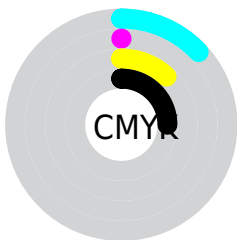
Distribution



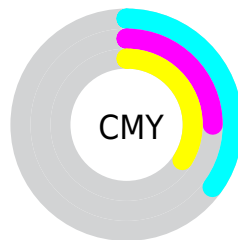
- Red (65%)
- Green (75%)
- Blue (66%)



- Red (65%)
- Yellow (74%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5181, 48.2332, 44.6578 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 41.5181, 48.2332, 44.6578 by changing the saturation by 10% instead.

■ 41.5181, 48.2332,
44.6578

■ 41.5181, 48.2332,
44.6578

343.5071,
379.7157, 381.5055

■ 28.9136, 34.0116,
30.8470

■ 76.7395, 87.5515,
83.5197

■ 19.1594, 22.9025,
20.2249

■ 100.0871,
113.4170, 109.4078

■ 11.8902, 14.5215,
12.3729

127.7465,
143.9326, 140.1588

■ 6.7406, 8.4843,
6.8726

160.0830,
179.4827, 176.1912

■ 3.3453, 4.4064,
3.3053

197.4619,
220.4516, 217.9235

■ 1.3389, 1.9034,
1.2526

240.2487,

■ 0.2120, 0.5504,

267.2239, 265.7743

0.0224

288.8086,
320.1838, 320.1621

■ 0.0000, 0.0000,
0.0000

■ 41.5181, 48.2332,
44.6578

■ 41.5181, 48.2332,
44.6578

■ 36.3299, 45.7307,
36.7009

■ 47.5065, 51.1275,
53.7132

■ 31.9041, 43.5974,
29.7976

■ 54.3230, 54.4231,
63.9032

■ 28.2059, 41.8175,
23.9047

■ 61.9988, 58.1365,
75.2664

■ 25.1961, 40.3719,
18.9747

■ 70.5626, 62.2819,
87.8384

■ 22.8318, 39.2395,
14.9566

■ 77.6083, 65.6181,
101.5397

■ 21.0652, 38.3969,
11.7942

■ 77.9218, 65.7435,
103.1906

■ 19.8419, 37.8174,
9.4255

■ 19.0972, 37.4692,
7.7799

■ 18.7856, 37.3251,
7.0208

Harmonies

Analogous

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



43.4627, 48.2332, 40.0759



41.5181, 48.2332, 44.6578



40.7292, 48.2332, 51.7443

Triad

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



41.5181, 48.2332, 44.6578



45.5733, 48.2332, 69.2678



50.7508, 48.2332, 45.8771

Complementary

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



41.5181, 48.2332, 44.6578



44.2009, 41.9807, 53.3526

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.



51.3705, 48.2332, 53.2989



41.5181, 48.2332, 44.6578



48.3111, 48.2332, 67.3001

Square

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



41.5181, 48.2332, 44.6578



43.0106, 48.2332, 66.3872



50.4609, 48.2332, 61.2498



48.7996, 48.2332, 40.7285

Rectangle

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



41.5181, 48.2332, 44.6578



40.9402, 48.2332, 57.1249



50.4609, 48.2332, 61.2498



51.1250, 48.2332, 48.1652

Sweetspot

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



41.5194, 48.2353, 44.6589



83.9727, 91.0299, 94.5300



46.2754, 50.7192, 43.4277



18.2513, 19.8983, 20.4743



92.9021, 97.7402, 106.4391



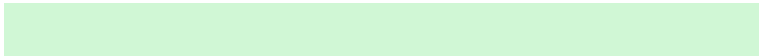
19.4759, 20.4902, 22.3138

Same Dimension

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



41.5194, 48.2353, 44.6589



71.2666, 84.8929, 75.2638



42.7415, 48.7241, 51.0942



9.4541, 10.6678, 10.3749



12.3612, 24.5348, 4.6990



0.4997, 0.9673, 0.2658

Inverse Universe

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



44.2009, 41.9807, 53.3526



77.0996, 71.2864, 94.1743



42.9189, 41.4679, 46.6017



9.8793, 9.6760, 11.7535



18.7898, 9.1471, 25.2502



0.7501, 0.3639, 1.0633

Previews

White Background



This preview shows how the XYZ color 41.5181, 48.2332, 44.6578 looks on a white background.

Color Contrast Check

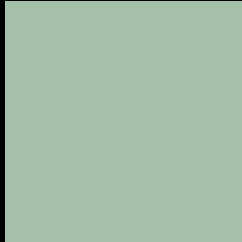
Large Text (above 18pt) WCAG AA × Fail

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 41.5181, 48.2332, 44.6578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

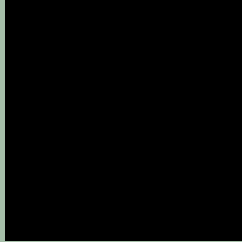
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5181, 48.2332, 44.6578

Background



This preview shows how black text looks on a background with the XYZ color 41.5181, 48.2332, 44.6578.



This preview shows how white text looks on a background with the XYZ color 41.5181, 48.2332,

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

41.5181, 48.2332, 44.6578

Protanopia

45.6702, 48.2041, 42.4945

Deuteranopia

49.0989, 48.0847, 45.7232



Tritanopia

44.8961, 47.9928, 62.1556

Trichromacy



Original Color

41.5181, 48.2332, 44.6578

Protanomaly

44.1817, 48.3611, 43.0824

Deuteranomaly

46.0224, 48.0137, 45.3700

Tritanomaly

43.5307, 48.0756, 55.1293

Monochromacy



Original Color

41.5181, 48.2332, 44.6578

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.1893, 47.1024, 48.4103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5181, 48.2332, 44.6578 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(166, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 169)  
}
```

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(166, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.5181, 48.2332, 44.6578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

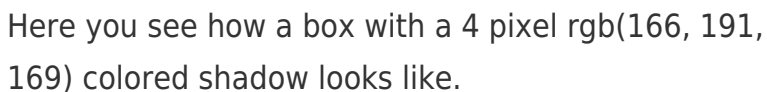
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 191, 169) }
```


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

```
.border{ border-color:rgb(166, 191, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 191, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 191, 169); box-shadow:4px 4px 4px 4px rgb(166, 191, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5181, 48.2332, 44.6578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 169) }
```

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

```
.background{ background-color: rgb(166,  
191, 169) }
```

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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