

Converting Colors

XYZ(44.6454, 50.6496, 48.7509)

Have a look what the booklet for
XYZ(44.6454, 50.6496, 48.7509)
contains.

XYZ(44.5838, 50.7168, 48.5138)	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(44.5838, 50.7168,
48.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC2B0
RGB	174, 194, 176
RGB Percent	68%, 76%, 69%
CMY	0.3176, 0.2392, 0.3098
CMYK	0.10, 0.00, 0.09, 0.24
HSL	126°, 14%, 72%
HSV	126°, 10%, 76%
XYZ	44.5838, 50.7168, 48.5138
YIQ	185.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

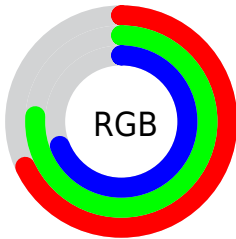
Format	Color
R_{YB}	174, 192, 194
Decimal	11453104
CIE _{Lab}	76.51, -10.24, 6.74
CIE _{LCh}	77, 12.263, 146.663
Yxy	50.7168, 0.3100, 0.3527
Android (android.graphics.Color)	4289643184 (0xFFAEC2B0)
YUV	185.9680, -4.9142, -10.4959
Hunter-Lab	71.2157, -12.8796, 9.4613

Details

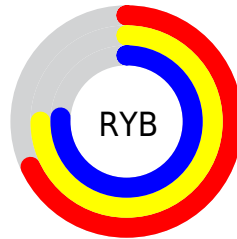
The XYZ color **44.5838, 50.7168, 48.5138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9004, 45.5484, 56.1913**, and the grayscale version is **46.6845, 49.1157, 53.4870**.

A 20% lighter version of the original color is **81.6958, 91.6435, 89.7271**, and **21.0422, 24.3490, 22.6596** is the 20% darker color. If you saturate the color by 10%, you get **38.9521, 48.0019, 39.8048**, and if you desaturate by 10%, it is **51.0649, 53.8467, 58.4247**.

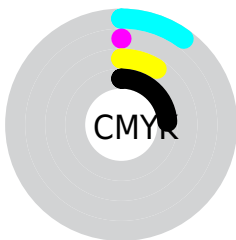
Distribution



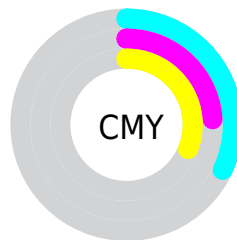
- Red (68%)
- Green (76%)
- Blue (69%)



- Red (68%)
- Yellow (75%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5838, 50.7168, 48.5138 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 44.5838, 50.7168, 48.5138 by changing the saturation by 10% instead.

■ 44.5838, 50.7168,
48.5138

■ 44.5838, 50.7168,
48.5138

355.8974,
389.4625, 397.3924

■ 31.3296, 35.9833,
33.8711

■ 81.3364, 91.2360,
89.3424

■ 21.0030, 24.4213,
22.5180

105.5656,
117.7905, 116.3654

■ 13.2387, 15.6464,
14.0361

134.1837,
149.0541, 148.3522

■ 7.6712, 9.2743,
8.0067

167.5563,
185.4112, 185.7213

■ 3.9353, 4.9205,
4.0114

206.0486,
227.2462, 228.8914

■ 1.6656, 2.2007,
1.6316

250.0260,

■ 0.4346, 0.7204,

274.9435, 278.2809

0.3132

299.8538,
328.8874, 334.3084

■ 0.0000, 0.0000,
0.0000

■ 44.5838, 50.7168,
48.5138

■ 44.5838, 50.7168,
48.5138

■ 38.9521, 48.0019,
39.8048

■ 51.0649, 53.8467,
58.4247

■ 34.1304, 45.6785,
32.2487

■ 58.4241, 57.4013,
69.5773

■ 30.0828, 43.7305,
25.7984

■ 66.6940, 61.3979,
82.0135

■ 26.7686, 42.1380,
20.4019

■ 75.9045, 65.8511,
95.7726

■ 24.1438, 40.8795,
16.0032

■ 78.5828, 67.0655,
103.4109

■ 22.1594, 39.9311,
12.5411

■ 20.7601, 39.2656,
9.9477

■ 19.8807, 38.8513,
8.1459

■ 19.4137, 38.6339,
7.0680

Harmonies

Analogous

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



46.2364, 50.7168, 44.6035



44.5838, 50.7168, 48.5138



43.8998, 50.7168, 54.4840

Triad

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



44.5838, 50.7168, 48.5138



47.9464, 50.7168, 68.9385



52.2895, 50.7168, 49.7011

Complementary

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



44.5838, 50.7168, 48.5138



46.9004, 45.5484, 56.1913

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.



52.7824, 50.7168, 55.9666



44.5838, 50.7168, 48.5138



50.2283, 50.7168, 67.4046

Square

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



44.5838, 50.7168, 48.5138



45.8018, 50.7168, 66.5615



52.0167, 50.7168, 62.5217



50.6905, 50.7168, 45.2495

Rectangle

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



44.5838, 50.7168, 48.5138



44.0684, 50.7168, 58.9555



52.0167, 50.7168, 62.5217



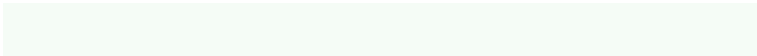
52.5922, 50.7168, 51.6495

Sweetspot

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



44.5852, 50.7190, 48.5149



89.1434, 95.9254, 100.7115



48.7566, 52.8921, 47.6845



19.3064, 20.9029, 21.7265



0.0000, 0.0000, 0.0000



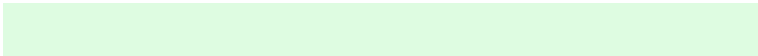
20.3446, 21.4041, 23.3091

Same Dimension

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



44.5852, 50.7190, 48.5149



78.7398, 90.9044, 84.7631



45.5764, 51.1155, 53.7346



9.9845, 11.2748, 10.9215



12.7778, 25.4052, 4.7230



0.5662, 1.1033, 0.2783

Inverse Universe

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



46.9004, 45.5484, 56.1913



83.6354, 79.9709, 100.9948



45.8638, 45.1338, 50.7326



10.4525, 10.2296, 12.4733



19.7064, 9.5723, 27.4297



0.8643, 0.4187, 1.2525

Previews

White Background



This preview shows how the XYZ color 44.5838, 50.7168, 48.5138 looks on a white background.

Color Contrast Check

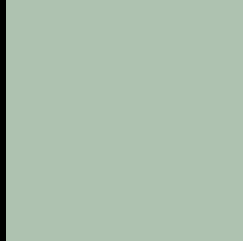
Large Text (above 18pt) WCAG AA × Fail

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 44.5838, 50.7168, 48.5138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

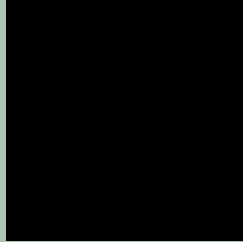
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

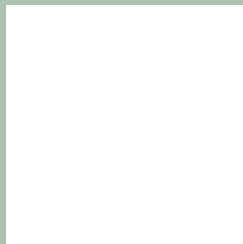
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5838, 50.7168, 48.5138

Background



This preview shows how black text looks on a background with the XYZ color 44.5838, 50.7168, 48.5138.



This preview shows how white text looks on a background with the XYZ color 44.5838, 50.7168,

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

44.5838, 50.7168, 48.5138

Protanopia

48.2910, 50.7193, 46.7798

Deuteranopia

51.3422, 50.3719, 49.1362



Tritanopia

48.0233, 50.8184, 65.0354

Trichromacy



Original Color

44.5838, 50.7168, 48.5138

Protanomaly

46.7925, 50.5743, 47.3400

Deuteranomaly

48.5207, 50.1625, 48.7200

Tritanomaly

46.4999, 50.5038, 58.3363

Monochromacy



Original Color

44.5838, 50.7168, 48.5138

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9325, 49.7177, 51.4315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5838, 50.7168, 48.5138 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(174, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 176)  
}
```

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(174, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.5838, 50.7168, 48.5138 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(174, 194, 176) }
```


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

```
.border{ border-color:rgb(174, 194, 176) }
```

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

Here you see how a box with a 4 pixel rgb(174, 194, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5838, 50.7168, 48.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 176) }
```

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

```
.background{ background-color: rgb(174,  
194, 176) }
```

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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