

Converting Colors

XYZ(48.1255, 52.5519, 65.8732)

Have a look what the booklet for
XYZ(48.1255, 52.5519, 65.8732)
contains.

XYZ(48.1112, 52.4851, 65.9874)	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(48.1112, 52.4851,
65.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC3CE
RGB	174, 195, 206
RGB Percent	68%, 76%, 81%
CMY	0.3176, 0.2353, 0.1922
CMYK	0.16, 0.05, 0.00, 0.19
HSL	201°, 25%, 75%
HSV	201°, 16%, 81%
XYZ	48.1112, 52.4851, 65.9874
YIQ	189.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

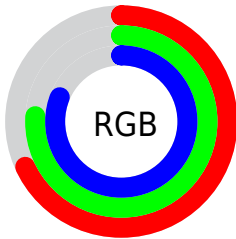
Format	Color
RYB	174, 187, 206
Decimal	11453390
CIELab	77.57, -4.84, -7.92
CIELCh	78, 9.284, 238.583
Yxy	52.4851, 0.2888, 0.3151
Android (android.graphics.Color)	4289643470 (0xFFAEC3CE)
YUV	189.9750, 7.9003, -14.0101
Hunter-Lab	72.4466, -8.2411, -3.2912

Details

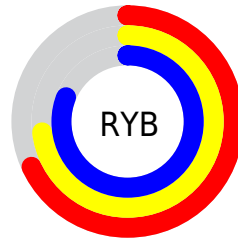
The XYZ color **48.1112, 52.4851, 65.9874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4428, 50.8755, 47.2067**, and the grayscale version is **48.8929, 51.4392, 56.0173**.

A 20% lighter version of the original color is **85.4935, 93.6638, 108.1807**, and **23.0775, 25.3817, 33.3886** is the 20% darker color. If you saturate the color by 10%, you get **42.3207, 47.2020, 65.2737**, and if you desaturate by 10%, it is **54.6839, 58.2858, 66.7615**.

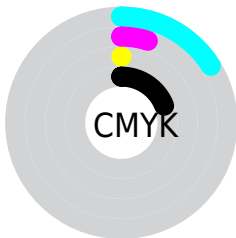
Distribution



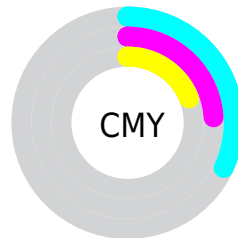
- Red (68%)
- Green (76%)
- Blue (81%)



- Red (68%)
- Yellow (73%)
- Blue (81%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1112, 52.4851, 65.9874 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 48.1112, 52.4851, 65.9874 by changing the saturation by 10% instead.

■ 48.1112, 52.4851,
65.9874

■ 48.1112, 52.4851,
65.9874

369.8080,
396.3065, 464.7348

■ 34.1266, 37.3919,
47.8058

■ 86.5786, 93.8463,
115.0951

■ 23.1542, 25.5111,
33.3142

111.7922,
120.8830, 146.8582

■ 14.8287, 16.4582,
22.0942

141.4794,
152.6697, 183.9855

■ 8.7848, 9.8490,
13.7271

176.0056,
189.5908, 226.8957

■ 4.6571, 5.2989,
7.7945

215.7362,
232.0306, 276.0071

■ 2.0802, 2.4237,
3.8779

261.0366,

■ 0.6784, 0.8380,

280.3736, 331.7384

1.5586

312.2721,
335.0041, 394.5082

■ 0.0000, 0.0000,
0.2610

■ 0.0000, 0.0000,
0.0000

■ 48.1112, 52.4851,
65.9874

■ 48.1112, 52.4851,
65.9874

■ 42.3207, 47.2020,
65.2737

■ 54.6839, 58.2858,
66.7615

■ 37.2747, 42.4115,
64.6150

■ 62.0650, 64.6151,
67.5941

■ 32.9393, 38.0959,
64.0105

■ 70.2853, 71.4915,
68.4881

■ 29.2759, 34.2337,
63.4581

■ 78.8546, 78.6640,
69.4209

■ 26.2421, 30.8014,
62.9555

■ 80.7895, 82.5338,
70.0659

■ 23.7900, 27.7726,
62.5001

■ 82.8045, 86.5638,
70.7375

■ 21.8643, 25.1172,
62.0891

■ 84.9004, 90.7557,
71.4362

■ 20.3973, 22.7984,
61.7188

■ 87.0783, 95.1114,
72.1622

■ 19.8335, 21.8418,
61.5639

■ 88.1407, 97.2363,
72.5163

Harmonies

Analogous

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



46.9211, 52.4851, 61.9988



48.1112, 52.4851, 65.9874



49.8003, 52.4851, 67.5889

Triad

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



48.1112, 52.4851, 65.9874



53.4093, 52.4851, 57.3918



48.2554, 52.4851, 48.9140

Complementary

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



48.1112, 52.4851, 65.9874



50.4428, 50.8755, 47.2067

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.



49.9708, 52.4851, 47.8407



48.1112, 52.4851, 65.9874



52.9722, 52.4851, 52.5559

Square

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



48.1112, 52.4851, 65.9874



52.8836, 52.4851, 62.4461



51.7029, 52.4851, 49.1343



47.0029, 52.4851, 52.1571

Rectangle

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



48.1112, 52.4851, 65.9874



50.9914, 52.4851, 67.0186



51.7029, 52.4851, 49.1343



48.7957, 52.4851, 48.2963

Sweetspot

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



48.1127, 52.4873, 65.9886



89.1319, 94.8976, 108.2271



48.2495, 56.6309, 54.1034



18.9057, 20.1623, 23.1452



0.0000, 0.0000, 0.0000



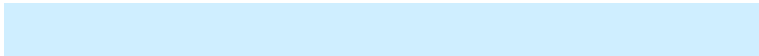
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1127, 52.4873, 65.9886



74.3330, 81.7735, 106.4738



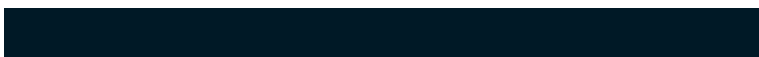
44.7840, 45.8298, 64.8790



11.2061, 12.0526, 14.3061



12.3060, 13.6360, 37.9397



0.7038, 0.8413, 1.9802

Inverse Universe

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



50.4412, 47.3351, 58.1103



78.9280, 71.8615, 90.8691



53.9034, 57.7967, 48.3602



11.5174, 11.3357, 13.2591



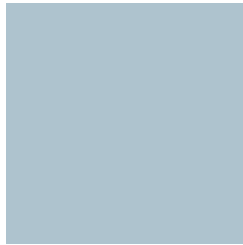
18.4224, 9.1796, 15.2090



0.9852, 0.4875, 0.9678

Previews

White Background



This preview shows how the XYZ color 48.1112, 52.4851, 65.9874 looks on a white background.

Color Contrast Check

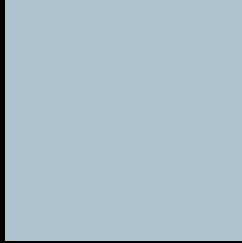
Large Text (above 18pt) WCAG AA × Fail

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 48.1112, 52.4851, 65.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

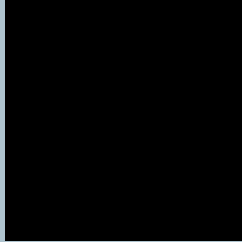
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

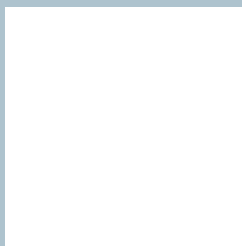
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1112, 52.4851, 65.9874

Background



This preview shows how black text looks on a background with the XYZ color 48.1112, 52.4851, 65.9874.

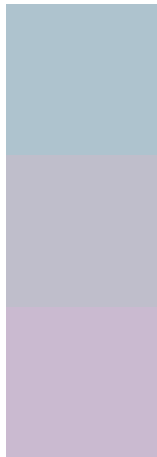


This preview shows how white text looks on a background with the XYZ color 48.1112, 52.4851,

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

48.1112, 52.4851, 65.9874

Protanopia

50.6788, 52.2151, 63.9074

Deuteranopia

53.3012, 52.2284, 66.9463



Tritanopia

48.6038, 52.3507, 68.5158

Trichromacy



Original Color

48.1112, 52.4851, 65.9874

Protanomaly

49.7563, 52.3732, 64.6133

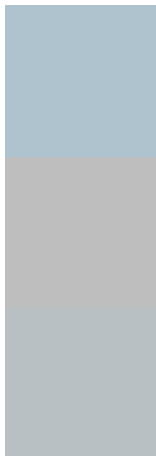
Deuteranomaly

51.1983, 52.1067, 66.3906

Tritanomaly

48.4796, 52.3010, 67.8616

Monochromacy



Original Color

48.1112, 52.4851, 65.9874

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5806, 51.8751, 59.6770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1112, 52.4851, 65.9874 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, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(174, 195, 206)  
}
```

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, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 48.1112, 52.4851, 65.9874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

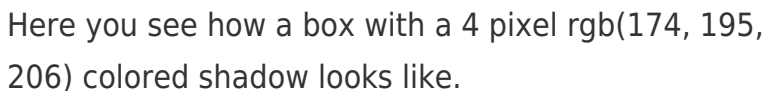
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 195, 206) }
```


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

```
.border{ border-color:rgb(174, 195, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(174, 195,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1112, 52.4851, 65.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 195, 206) }
```

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

```
.background{ background-color: rgb(174,  
195, 206) }
```

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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