

Converting Colors

XYZ(43.4945, 48.1111, 61.6846)

Have a look what the booklet for
XYZ(43.4945, 48.1111, 61.6846)
contains.

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Color

**XYZ(43.5232, 48.2467,
61.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BDC8
RGB	162, 189, 200
RGB Percent	64%, 74%, 78%
CMY	0.3647, 0.2588, 0.2157
CMYK	0.19, 0.05, 0.00, 0.22
HSL	197°, 26%, 71%
HSV	197°, 19%, 78%
XYZ	43.5232, 48.2467, 61.6622
YIQ	182.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

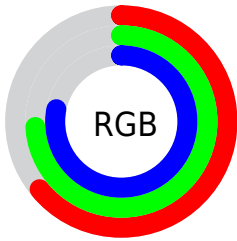
Format	Color
RYB	162, 178, 200
Decimal	10665416
CIELab	74.98, -6.77, -8.61
CIELCh	75, 10.949, 231.815
Yxy	48.2467, 0.2837, 0.3144
Android (android.graphics.Color)	4288855496 (0xFFA2BDC8)
YUV	182.1810, 8.7848, -17.6987
Hunter-Lab	69.4598, -9.7075, -4.0121

Details

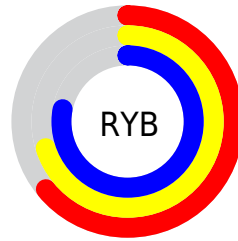
The XYZ color **43.5232, 48.2467, 61.6622** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2850, 44.7751, 40.4391**, and the grayscale version is **44.5244, 46.8432, 51.0122**.

A 20% lighter version of the original color is **79.3177, 87.2765, 107.2733**, and **20.4229, 22.9986, 30.5569** is the 20% darker color. If you saturate the color by 10%, you get **38.5592, 43.8772, 61.0812**, and if you desaturate by 10%, it is **49.1860, 53.0527, 62.2922**.

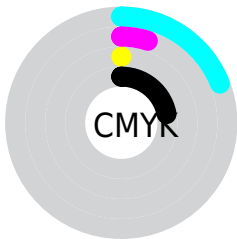
Distribution



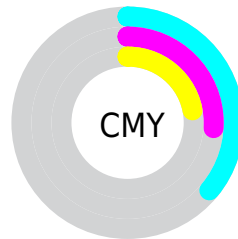
- Red (64%)
- Green (74%)
- Blue (78%)



- Red (64%)
- Yellow (70%)
- Blue (78%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5232, 48.2467, 61.6622 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 43.5232, 48.2467, 61.6622 by changing the saturation by 10% instead.

■ 43.5232, 48.2467,
61.6622

■ 43.5232, 48.2467,
61.6622

351.6442,
379.7692, 448.6714

■ 30.4921, 34.0223,
44.3258

■ 79.7506, 87.5716,
108.8040

■ 20.3624, 22.9107,
30.5876

■ 103.6776,
113.4409, 139.4465

■ 12.7685, 14.5276,
20.0292

131.9674,
143.9606, 175.3614

■ 7.3452, 8.4885,
12.2320

164.9852,
179.5151, 216.9673

■ 3.7272, 4.4091,
6.7774

203.0964,
220.4888, 264.6827

■ 1.5490, 1.9049,
3.2470

246.6664,

■ 0.3588, 0.5513,

267.2661, 318.9262

1.2221

296.0606,
320.2315, 380.1162

■ 0.0000, 0.0000,
0.0000

■ 43.5232, 48.2467,
61.6622

■ 43.5232, 48.2467,
61.6622

■ 38.5592, 43.8772,
61.0812

■ 49.1860, 53.0527,
62.2922

■ 34.2585, 39.9213,
60.5443

■ 55.5722, 58.3050,
62.9694

■ 30.5891, 36.3630,
60.0509

■ 62.7106, 64.0205,
63.6963

■ 27.5145, 33.1824,
59.5990

■ 70.6270, 70.2133,
64.4744

■ 24.9939, 30.3578,
59.1867

■ 76.7226, 75.5445,
65.1822

■ 22.9814, 27.8644,
58.8115

■ 78.2495, 78.5982,
65.6911

■ 21.4228, 25.6735,
58.4707

■ 79.8293, 81.7578,
66.2177

■ 20.2277, 23.7376,
58.1600

■ 81.4625, 85.0243,
66.7622

■ 20.1162, 23.5517,
58.1300

■ 83.1497, 88.3987,
67.3246

Harmonies

Analogous

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



42.3826, 48.2467, 56.7273



43.5232, 48.2467, 61.6622



45.3123, 48.2467, 64.1906

Triad

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



43.5232, 48.2467, 61.6622



49.7651, 48.2467, 54.1143



44.4444, 48.2467, 42.9671

Complementary

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



43.5232, 48.2467, 61.6622



45.2850, 44.7751, 40.4391

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.



46.4061, 48.2467, 42.3789



43.5232, 48.2467, 61.6622



49.5163, 48.2467, 48.5497

Square

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



43.5232, 48.2467, 61.6622



48.9430, 48.2467, 59.6308



48.2729, 48.2467, 44.3515



42.9036, 48.2467, 46.0210

Rectangle

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



43.5232, 48.2467, 61.6622



46.6480, 48.2467, 64.0525



48.2729, 48.2467, 44.3515



45.0751, 48.2467, 42.4838

Sweetspot

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



43.5246, 48.2487, 61.6633



88.2471, 94.4201, 108.1815



43.0757, 51.9989, 47.1843



18.7361, 20.0835, 23.1390



0.0000, 0.0000, 0.0000



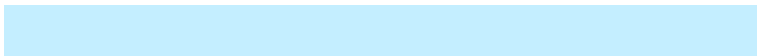
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5246, 48.2487, 61.6633



71.4883, 80.1671, 106.3137



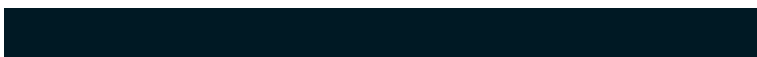
39.7450, 40.6895, 60.4034



10.6774, 11.5289, 13.5800



12.8706, 15.1350, 36.9874



0.6694, 0.8367, 1.7714

Inverse Universe

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



45.9262, 41.7952, 53.7931



76.4954, 67.0725, 89.8236



49.1403, 52.4858, 41.7242



10.9472, 10.7623, 12.7052



18.2958, 9.0679, 17.2994



0.8966, 0.4415, 0.9786

Previews

White Background



This preview shows how the XYZ color 43.5232, 48.2467, 61.6622 looks on a white background.

Color Contrast Check

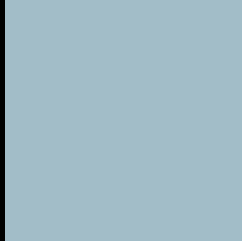
Large Text (above 18pt) WCAG AA × Fail

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 43.5232, 48.2467, 61.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

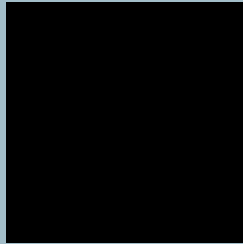
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

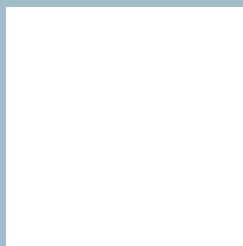
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5232, 48.2467, 61.6622

Background



This preview shows how black text looks on a background with the XYZ color 43.5232, 48.2467, 61.6622.



This preview shows how white text looks on a background with the XYZ color 43.5232, 48.2467,

61.6622.

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

43.5232, 48.2467, 61.6622

Protanopia

46.6645, 48.0428, 59.0383

Deuteranopia

49.0289, 47.9738, 62.5529



Tritanopia

43.8670, 48.0648, 63.4653

Trichromacy



Original Color

43.5232, 48.2467, 61.6622

Protanomaly

45.3315, 47.9592, 59.6912

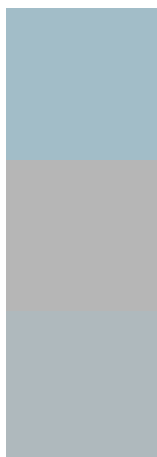
Deuteranomaly

46.7675, 48.0291, 62.0640

Tritanomaly

43.7481, 48.0172, 62.8396

Monochromacy



Original Color

43.5232, 48.2467, 61.6622

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.2135, 47.4860, 54.9795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5232, 48.2467, 61.6622 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(162, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 200)  
}
```

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(162, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.5232, 48.2467, 61.6622 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(162, 189, 200) }
```


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

```
.border{ border-color:rgb(162, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5232, 48.2467, 61.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 200) }
```

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

```
.background{ background-color: rgb(162,  
189, 200) }
```

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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