

Converting Colors

XYZ(44.1681, 48.5520, 62.9207)

Have a look what the booklet for
XYZ(44.1681, 48.5520, 62.9207)
contains.

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Color

**XYZ(44.1681, 48.5520,
62.9207)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BDCA
RGB	164, 189, 202
RGB Percent	64%, 74%, 79%
CMY	0.3569, 0.2588, 0.2078
CMYK	0.19, 0.06, 0.00, 0.21
HSL	201°, 26%, 72%
HSV	201°, 19%, 79%
XYZ	44.1681, 48.5520, 62.9207
YIQ	183.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

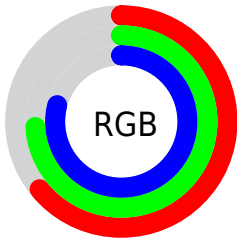
Format	Color
RYB	164, 179, 202
Decimal	10796490
CIELab	75.17, -5.70, -9.39
CIElCh	75, 10.988, 238.752
Yxy	48.5520, 0.2838, 0.3119
Android (android.graphics.Color)	4288986570 (0xFFA4BDCA)
YUV	183.0070, 9.3635, -16.6691
Hunter-Lab	69.6793, -8.7916, -4.7637

Details

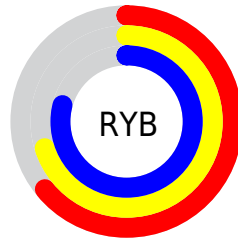
The XYZ color **44.1681, 48.5520, 62.9207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7805, 46.6811, 41.6676**, and the grayscale version is **44.9725, 47.3146, 51.5256**.

A 20% lighter version of the original color is **79.9158, 87.5849, 107.3013**, and **20.8315, 23.1912, 31.3954** is the 20% darker color. If you saturate the color by 10%, you get **38.8752, 43.6706, 62.2582**, and if you desaturate by 10%, it is **50.1968, 53.9204, 63.6399**.

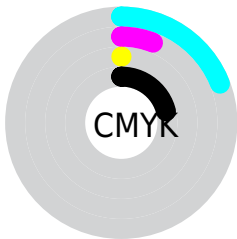
Distribution



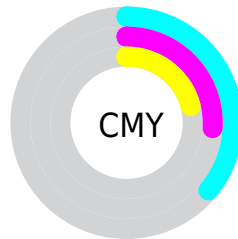
- Red (64%)
- Green (74%)
- Blue (79%)



- Red (64%)
- Yellow (70%)
- Blue (79%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1681, 48.5520, 62.9207 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 44.1681, 48.5520, 62.9207 by changing the saturation by 10% instead.

■ 44.1681, 48.5520,
62.9207

■ 44.1681, 48.5520,
62.9207

354.2344,
380.9760, 453.3817

■ 31.0012, 34.2642,
45.3365

■ 80.7154, 88.0257,
110.6396

■ 20.7516, 23.0967,
31.3777

■ 104.8265,
113.9804, 141.6113

■ 13.0539, 14.6649,
20.6257

133.3163,
144.5930, 177.8826

■ 7.5430, 8.5845,
12.6621

166.5503,
180.2476, 219.8720

■ 3.8532, 4.4712,
7.0683

204.8937,
221.3289, 267.9981

■ 1.6194, 1.9405,
3.4258

248.7120,

■ 0.4050, 0.5725,

268.2211, 322.6794

1.3159

298.3705,
321.3087, 384.3344

■ 0.0000, 0.0000,
0.0748

■ 0.0000, 0.0000,
0.0000

■ 44.1681, 48.5520,
62.9207

■ 44.1681, 48.5520,
62.9207

■ 38.8752, 43.6706,
62.2582

■ 50.1968, 53.9204,
63.6399

■ 34.2817, 39.2521,
61.6475

■ 56.9871, 59.7867,
64.4144

■ 30.3542, 35.2791,
61.0876

■ 64.5687, 66.1689,
65.2466

■ 27.0550, 31.7308,
60.5766

■ 72.9685, 73.0821,
66.1383

■ 24.3421, 28.5838,
60.1122

■ 78.4357, 78.5942,
66.9141

■ 22.1680, 25.8122,
59.6918

■ 80.3257, 82.3740,
67.5441

■ 20.4769, 23.3854,
59.3125

■ 82.2918, 86.3064,
68.1995

■ 19.1787, 21.2556,
58.9698

■ 84.3352, 90.3930,
68.8806

■ 19.0359, 21.0145,
58.9308

■ 86.4565, 94.6356,
69.5877

Harmonies

Analogous

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



42.8359, 48.5520, 58.3789



44.1681, 48.5520, 62.9207



46.0629, 48.5520, 64.7414

Triad

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



44.1681, 48.5520, 62.9207



50.1266, 48.5520, 53.1068



44.3101, 48.5520, 43.7288

Complementary

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



44.1681, 48.5520, 62.9207



46.7805, 46.6811, 41.6676

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.



46.2316, 48.5520, 42.5376



44.1681, 48.5520, 62.9207



49.6249, 48.5520, 47.7094

Square

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



44.1681, 48.5520, 62.9207



49.5364, 48.5520, 58.8270



48.1846, 48.5520, 43.9419



42.9162, 48.5520, 47.3198

Rectangle

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



44.1681, 48.5520, 62.9207



47.4029, 48.5520, 64.0731



48.1846, 48.5520, 43.9419



44.9139, 48.5520, 43.0465

Sweetspot

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



44.1695, 48.5540, 62.9218



87.9966, 93.9192, 108.0980



44.3339, 53.2955, 49.3723



18.6768, 19.9650, 23.1192



0.0000, 0.0000, 0.0000



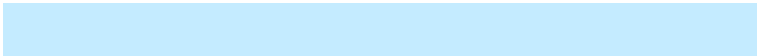
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1695, 48.5540, 62.9218



70.5971, 78.3847, 106.0166



40.4087, 41.0323, 61.6682



11.2076, 12.0557, 14.3066



12.3348, 13.6935, 37.9493



0.7051, 0.8440, 1.9807

Inverse Universe

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



46.8190, 42.7827, 53.9367



76.0456, 66.8926, 87.4549



50.7236, 54.5674, 42.9820



11.5182, 11.3360, 13.2632



18.4369, 9.1854, 15.2853



0.9859, 0.4877, 0.9714

Previews

White Background



This preview shows how the XYZ color 44.1681, 48.5520, 62.9207 looks on a white background.

Color Contrast Check

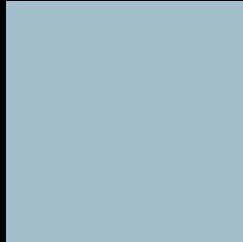
Large Text (above 18pt) WCAG AA × Fail

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 44.1681, 48.5520, 62.9207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

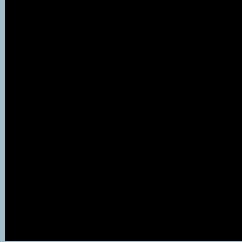
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

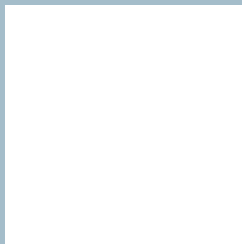
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1681, 48.5520, 62.9207

Background



This preview shows how black text looks on a background with the XYZ color 44.1681, 48.5520, 62.9207.

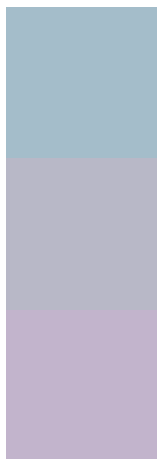


This preview shows how white text looks on a background with the XYZ color 44.1681, 48.5520,

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

44.1681, 48.5520, 62.9207

Protanopia

47.2165, 48.5948, 60.9240

Deuteranopia

49.4685, 48.4715, 63.8754



Tritanopia

44.4065, 48.6473, 64.1761

Trichromacy



Original Color

44.1681, 48.5520, 62.9207

Protanomaly

46.1157, 48.6351, 61.6005

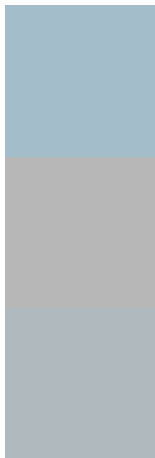
Deuteranomaly

47.2414, 48.2460, 63.3224

Tritanomaly

44.2869, 48.5995, 63.5464

Monochromacy



Original Color

44.1681, 48.5520, 62.9207

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5477, 47.6457, 55.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1681, 48.5520, 62.9207 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(164, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(164, 189, 202)  
}
```

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(164, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 189, 202) }
```

Border

The CSS property to change the border of an element to XYZ 44.1681, 48.5520, 62.9207 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(164, 189, 202) }
```


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

```
.border{ border-color:rgb(164, 189, 202) }
```

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

Here you see how a box with a 4 pixel rgb(164, 189, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(164, 189,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1681, 48.5520, 62.9207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 189, 202) }
```

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

```
.background{ background-color: rgb(164,  
189, 202) }
```

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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