

Converting Colors

XYZ(44.3238, 49.5323, 62.2676)

Have a look what the booklet for
XYZ(44.3238, 49.5323, 62.2676)
contains.

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Color

**XYZ(44.4965, 49.7029,
62.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C0C9
RGB	163, 192, 201
RGB Percent	64%, 75%, 79%
CMY	0.3608, 0.2470, 0.2118
CMYK	0.19, 0.04, 0.00, 0.21
HSL	194°, 26%, 71%
HSV	194°, 19%, 79%
XYZ	44.4965, 49.7029, 62.5067
YIQ	184.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

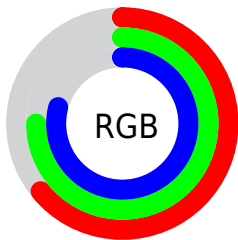
Format	Color
RYB	163, 179, 201
Decimal	10731721
CIELab	75.89, -7.82, -7.80
CIELCh	76, 11.045, 224.898
Yxy	49.7029, 0.2839, 0.3172
Android (android.graphics.Color)	4288921801 (0xFFA3C0C9)
YUV	184.3550, 8.2060, -18.7283
Hunter-Lab	70.5003, -10.7146, -3.2173

Details

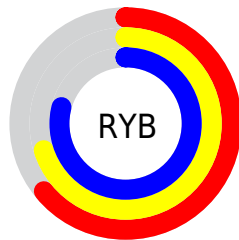
The XYZ color **44.4965, 49.7029, 62.5067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4511, 44.5668, 40.8580**, and the grayscale version is **45.7214, 48.1025, 52.3836**.

A 20% lighter version of the original color is **80.5308, 89.2602, 107.5923**, and **21.0546, 23.9513, 31.1171** is the 20% darker color. If you saturate the color by 10%, you get **39.6758, 45.6927, 61.9875**, and if you desaturate by 10%, it is **50.0080, 54.1220, 63.0700**.

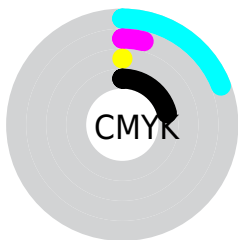
Distribution



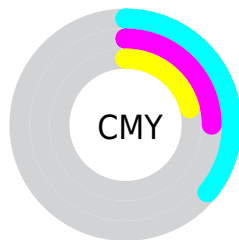
- Red (64%)
- Green (75%)
- Blue (79%)



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



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4965, 49.7029, 62.5067 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 44.4965, 49.7029, 62.5067 by changing the saturation by 10% instead.

■ 44.4965, 49.7029,
62.5067

■ 44.4965, 49.7029,
62.5067

355.5486,
385.5030, 451.8355

■ 31.2606, 35.1774,
45.0038

■ 81.2061, 89.7345,
110.0362

■ 20.9502, 23.7996,
31.1175

■ 105.4105,
116.0094, 140.8999

■ 13.1998, 15.1850,
20.4291

134.0017,
146.9696, 177.0543

■ 7.6442, 8.9493,
12.5202

167.3452,
182.9994, 218.9179

■ 3.9180, 4.7081,
6.9722

205.8063,
224.4832, 266.9093

■ 1.6559, 2.0771,
3.3665

249.7503,

■ 0.4284, 0.6517,

271.8055, 321.4470

1.2847

299.5426,
325.3506, 382.9496

■ 0.0000, 0.0000,
0.0492

■ 0.0000, 0.0000,
0.0000

■ 44.4965, 49.7029,
62.5067

■ 44.4965, 49.7029,
62.5067

■ 39.6758, 45.6927,
61.9875

■ 50.0080, 54.1220,
63.0700

■ 35.5104, 42.0688,
61.5076

■ 56.2351, 58.9593,
63.6755

■ 31.9682, 38.8153,
61.0663

■ 63.2065, 64.2314,
64.3257

■ 29.0124, 35.9128,
60.6619

■ 70.9483, 69.9521,
65.0218

■ 26.6021, 33.3399,
60.2923

■ 76.2873, 74.4862,
65.6156

■ 24.6913, 31.0722,
59.9553

■ 77.5229, 76.9573,
66.0274

■ 23.2253, 29.0811,
59.6482

■ 78.7940, 79.4995,
66.4512

■ 22.1146, 27.3199,
59.3668

■ 80.1010, 82.1135,
66.8868

■ 22.0013, 27.1341,
59.3369

■ 81.4442, 84.7999,
67.3345

Harmonies

Analogous

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



43.5238, 49.7029, 57.0804



44.4965, 49.7029, 62.5067



46.2189, 49.7029, 65.7977

Triad

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



44.4965, 49.7029, 62.5067



51.1604, 49.7029, 57.1209



46.2323, 49.7029, 43.9003

Complementary

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



44.4965, 49.7029, 62.5067



45.4511, 44.5668, 40.8580

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.



48.2783, 49.7029, 43.9094



44.4965, 49.7029, 62.5067



51.1642, 49.7029, 51.2599

Square

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



44.4965, 49.7029, 62.5067



50.0860, 49.7029, 62.5382



50.0963, 49.7029, 46.5156



44.5061, 49.7029, 46.4897

Rectangle

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



44.4965, 49.7029, 62.5067



47.5793, 49.7029, 66.1967



50.0963, 49.7029, 46.5156



46.9045, 49.7029, 43.6060

Sweetspot

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



44.4980, 49.7049, 62.5078



88.4986, 94.9232, 108.2654



43.4253, 52.5341, 46.8148



18.7957, 20.2027, 23.1588



0.0000, 0.0000, 0.0000



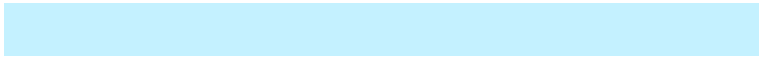
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4980, 49.7049, 62.5078



72.3950, 81.9806, 106.6159



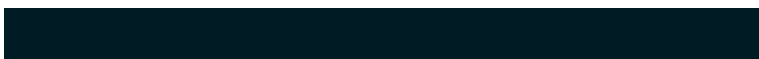
40.6169, 41.9428, 61.2141



10.7257, 11.6254, 13.5961



13.9067, 17.2074, 37.3328



0.7115, 0.9208, 1.7854

Inverse Universe

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



46.7002, 42.4187, 55.5979



76.9531, 67.2556, 92.2337



49.3008, 52.2662, 42.1412



10.9716, 10.7720, 12.8335



18.8188, 9.2771, 20.0535



0.9178, 0.4500, 1.0905

Previews

White Background



This preview shows how the XYZ color 44.4965, 49.7029, 62.5067 looks on a white background.

Color Contrast Check

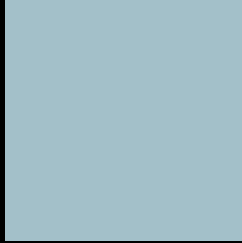
Large Text (above 18pt) WCAG AA × Fail

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 44.4965, 49.7029, 62.5067 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

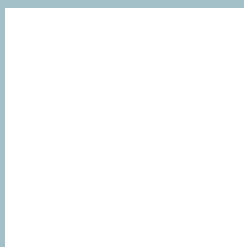
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4965, 49.7029, 62.5067

Background



This preview shows how black text looks on a background with the XYZ color 44.4965, 49.7029, 62.5067.



This preview shows how white text looks on a background with the XYZ color 44.4965, 49.7029,

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

44.4965, 49.7029, 62.5067

Protanopia

48.1305, 49.7138, 59.8823

Deuteranopia

50.3293, 49.2299, 63.3496



Tritanopia

45.0812, 49.6103, 65.5922

Trichromacy



Original Color

44.4965, 49.7029, 62.5067

Protanomaly

46.5364, 49.5086, 60.5295

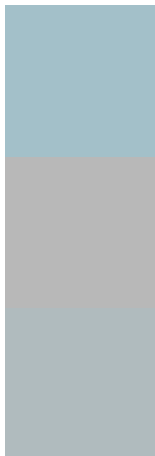
Deuteranomaly

48.0172, 49.2765, 62.8576

Tritanomaly

44.8397, 49.5137, 64.3205

Monochromacy



Original Color

44.4965, 49.7029, 62.5067

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.9691, 48.4885, 55.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4965, 49.7029, 62.5067 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(163, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 192, 201)  
}
```

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(163, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 192, 201) }
```

Border

The CSS property to change the border of an element to XYZ 44.4965, 49.7029, 62.5067 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(163, 192, 201) }
```


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

```
.border{ border-color:rgb(163, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 192,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4965, 49.7029, 62.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 192, 201) }
```

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

```
.background{ background-color: rgb(163,  
192, 201) }
```

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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