

Converting Colors

XYZ(39.6978, 43.7491, 62.8520)

Have a look what the booklet for
XYZ(39.6978, 43.7491, 62.8520)
contains.

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Color

**XYZ(39.6978, 43.7491,
62.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	95B5CB
RGB	149, 181, 203
RGB Percent	58%, 71%, 80%
CMY	0.4157, 0.2902, 0.2039
CMYK	0.27, 0.11, 0.00, 0.20
HSL	204°, 34%, 69%
HSV	204°, 27%, 80%
XYZ	39.6978, 43.7491, 62.8520
YIQ	173.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

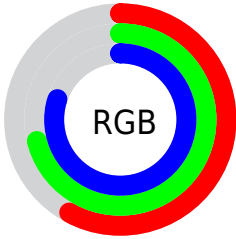
Format	Color
RYB	149, 169, 203
Decimal	9811403
CIELab	72.06, -5.82, -14.70
CIELCh	72, 15.809, 248.389
Yxy	43.7491, 0.2713, 0.2990
Android (android.graphics.Color)	4288001483 (0xFF95B5CB)
YUV	173.9400, 14.3266, -21.8724
Hunter-Lab	66.1431, -8.6182, -10.0397

Details

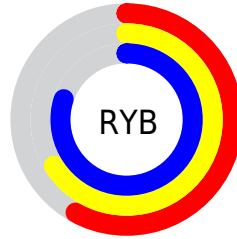
The XYZ color **39.6978, 43.7491, 62.8520** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6169, 43.9926, 34.5747**, and the grayscale version is **40.1408, 42.2312, 45.9898**.

A 20% lighter version of the original color is **73.2360, 80.6257, 106.3101**, and **18.0738, 20.1497, 31.3705** is the 20% darker color. If you saturate the color by 10%, you get **34.6803, 38.7409, 62.1505**, and if you desaturate by 10%, it is **45.4633, 49.2933, 63.6190**.

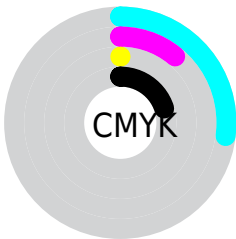
Distribution



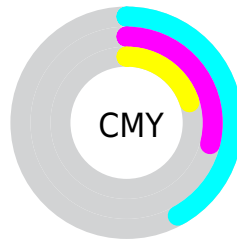
- Red (58%)
- Green (71%)
- Blue (80%)



- Red (58%)
- Yellow (66%)
- Blue (80%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6978, 43.7491, 62.8520 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 39.6978, 43.7491, 62.8520 by changing the saturation by 10% instead.

■ 39.6978, 43.7491,
62.8520

■ 39.6978, 43.7491,
62.8520

336.0045,
361.6834, 453.1253

■ 27.4862, 30.4733,
45.2813

■ 73.9904, 80.8401,
110.5395

■ 18.0772, 20.1981,
31.3345

■ 96.8020, 105.4240,
141.4933

■ 11.1054, 12.5391,
20.5931

123.8778,
134.5462, 177.7452

■ 6.2056, 7.1120,
12.6385

155.5829,
168.5909, 219.7138

■ 3.0123, 3.5322,
7.0523

192.2827,
207.9426, 267.8175

■ 1.1603, 1.4155,
3.4159

234.3427,

■ 0.0747, 0.2281,

252.9857, 322.4750

1.3107

282.1282,
304.1045, 384.1048

■ 0.0000, 0.0000,
0.0706

■ 0.0000, 0.0000,
0.0000

■ 39.6978, 43.7491,
62.8520

■ 39.6978, 43.7491,
62.8520

■ 34.6803, 38.7409,
62.1505

■ 45.4633, 49.2933,
63.6190

■ 30.3717, 34.2426,
61.5093

■ 52.0056, 55.3875,
64.4505

■ 26.7349, 30.2338,
60.9272

■ 59.3566, 62.0518,
65.3494

■ 23.7278, 26.6899,
60.4017

■ 67.5454, 69.3034,
66.3175

■ 21.3029, 23.5836,
59.9299

■ 76.5995, 77.1588,
67.3565

■ 19.4051, 20.8839,
59.5088

■ 80.4898, 82.5123,
68.1848

■ 17.9633, 18.5510,
59.1345

■ 82.8544, 87.2415,
68.9730

■ 17.5327, 17.8180,
59.0157

■ 85.3298, 92.1922,
69.7981

■ 87.7796, 97.0919,
70.6147

Harmonies

Analogous

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



37.6412, 43.7491, 57.4863



39.6978, 43.7491, 62.8520



42.3448, 43.7491, 63.9248

Triad

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



39.6978, 43.7491, 62.8520



46.9371, 43.7491, 45.4972



38.4384, 43.7491, 36.8980

Complementary

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



39.6978, 43.7491, 62.8520



44.6169, 43.9926, 34.5747

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.



40.8288, 43.7491, 34.3787



39.6978, 43.7491, 62.8520



45.7891, 43.7491, 38.9794

Square

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



39.6978, 43.7491, 62.8520



46.6022, 43.7491, 53.3286



43.5253, 43.7491, 35.0971



36.9363, 43.7491, 42.3624

Rectangle

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



39.6978, 43.7491, 62.8520



44.1018, 43.7491, 61.9618



43.5253, 43.7491, 35.0971



39.1605, 43.7491, 35.7072

Sweetspot

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



39.6991, 43.7509, 62.8530



85.3449, 91.1460, 107.7025



41.0639, 52.0273, 46.2075



17.8980, 19.1676, 23.0063



0.0000, 0.0000, 0.0000



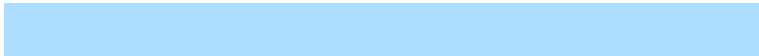
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6991, 43.7509, 62.8530



61.4293, 68.2641, 104.5464



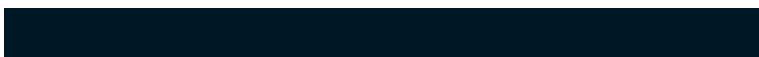
34.7967, 33.9460, 61.2189



11.1451, 11.9307, 14.2858



11.2490, 11.5221, 37.5874



0.6537, 0.7412, 1.9636

Inverse Universe

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



43.7176, 37.5287, 48.6576



69.4128, 56.5618, 76.1966



50.1570, 55.0728, 36.4215



11.4866, 11.3234, 13.0971



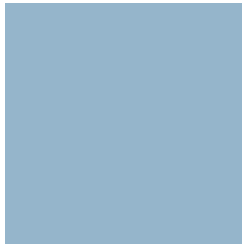
17.8889, 8.9661, 12.3995



0.9599, 0.4774, 0.8348

Previews

White Background



This preview shows how the XYZ color 39.6978, 43.7491, 62.8520 looks on a white background.

Color Contrast Check

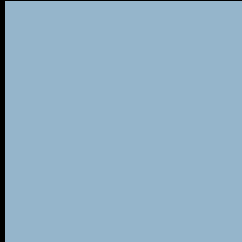
Large Text (above 18pt) WCAG AA × Fail

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 39.6978, 43.7491, 62.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

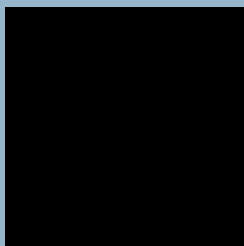
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

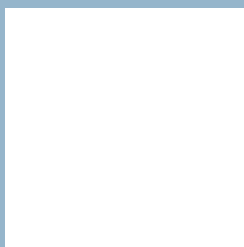
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6978, 43.7491, 62.8520

Background



This preview shows how black text looks on a background with the XYZ color 39.6978, 43.7491, 62.8520.



This preview shows how white text looks on a background with the XYZ color 39.6978, 43.7491,

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

39.6978, 43.7491, 62.8520

Protanopia

42.8724, 43.6677, 60.2019

Deuteranopia

44.5944, 43.6161, 63.8260



Tritanopia

39.0187, 43.7830, 59.2178

Trichromacy



Original Color

39.6978, 43.7491, 62.8520

Protanomaly

41.4573, 43.5069, 60.8562

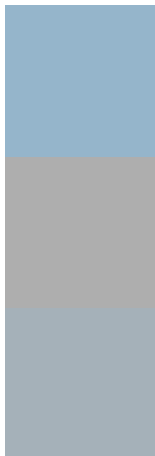
Deuteranomaly

42.5912, 43.4546, 63.2695

Tritanomaly

39.2495, 43.8753, 60.4329

Monochromacy



Original Color

39.6978, 43.7491, 62.8520

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9961, 42.9464, 52.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6978, 43.7491, 62.8520 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(149, 181, 203) looks like.

```
.text, #text, p{  
    color:rgb(149, 181, 203)  
}
```

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(149, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 181, 203) }
```

Border

The CSS property to change the border of an element to XYZ 39.6978, 43.7491, 62.8520 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(149, 181, 203) }
```


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

```
.border{ border-color:rgb(149, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(149, 181,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6978, 43.7491, 62.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 181, 203) }
```

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

```
.background{ background-color: rgb(149,  
181, 203) }
```

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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