

Converting Colors

XYZ(50.6545, 62.4467, 72.3106)

Have a look what the booklet for
XYZ(50.6545, 62.4467, 72.3106)
contains.

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Color

**XYZ(50.6682, 62.3372,
72.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADB D5
RGB	154, 219, 213
RGB Percent	60%, 86%, 84%
CMY	0.3961, 0.1412, 0.1647
CMYK	0.30, 0.00, 0.03, 0.14
HSL	174°, 47%, 73%
HSV	174°, 30%, 86%
XYZ	50.6682, 62.3372, 72.3126
YIQ	198.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

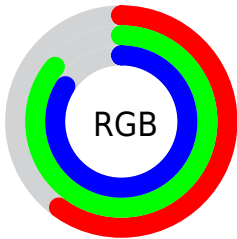
Format	Color
RYB	154, 188, 219
Decimal	10148821
CIELab	83.09, -21.71, -3.65
CIElCh	83, 22.009, 189.534
Yxy	62.3372, 0.2734, 0.3364
Android (android.graphics.Color)	4288338901 (0xFF9ADB D5)
YUV	198.8810, 6.9607, -39.3606
Hunter-Lab	78.9539, -23.6180, 0.9650

Details

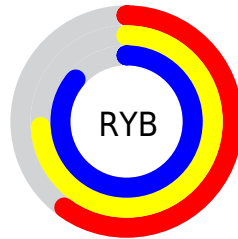
The XYZ color **50.6682, 62.3372, 72.3126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1164, 40.7111, 38.6349**, and the grayscale version is **54.1897, 57.0118, 62.0859**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **24.7025, 31.7289, 37.1701** is the 20% darker color. If you saturate the color by 10%, you get **46.6196, 60.2811, 70.7926**, and if you desaturate by 10%, it is **55.4840, 64.7916, 73.8879**.

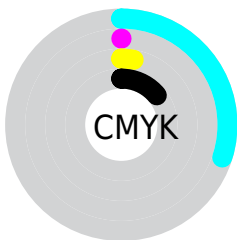
Distribution



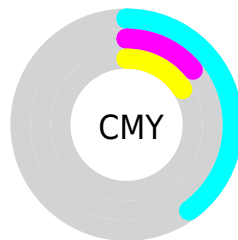
- Red (60%)
- Green (86%)
- Blue (84%)



- Red (60%)
- Yellow (74%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6682, 62.3372, 72.3126 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 50.6682, 62.3372, 72.3126 by changing the saturation by 10% instead.


 50.6682, 62.3372,
72.3126


 50.6682, 62.3372,
72.3126


379.6822,
433.1600, 487.6357

 36.1646, 45.3052,
52.9257


 90.3500, 108.2127,
124.2127

 24.7320, 31.6979,
37.3561

 116.2590,
137.8251, 157.5630

 16.0052, 21.1309,
25.1854

146.7004,
172.3997, 196.4048

 9.6187, 13.2197,
15.9950

182.0397,
212.3209, 241.1567

 5.2072, 7.5800,
9.3663

222.6421,
257.9731, 292.2371

 2.4053, 3.8274,
4.8808

268.8731,

 0.8478, 1.5775,

309.7408, 350.0648

2.1200

321.0980,
368.0083, 415.0581

■ 0.0000, 0.3423,
0.6276

■ 0.0000, 0.0000,
0.0000

■ 50.6682, 62.3372,
72.3126

■ 50.6682, 62.3372,
72.3126

■ 46.6196, 60.2811,
70.7926

■ 55.4840, 64.7916,
73.8879

■ 43.2914, 58.5945,
69.3217

■ 61.1000, 67.6565,
75.5160

■ 40.6402, 57.2565,
67.8990

■ 67.5536, 70.9528,
77.2002

■ 38.6153, 56.2410,
66.5222

■ 74.8782, 74.6979,
78.9420

37.1593, 55.5184,
65.1885

79.9072, 77.2591,
80.5934

36.2039, 55.0535,
63.8946

80.1818, 77.3689,
82.0392

35.6322, 54.7861,
62.6351

80.4597, 77.4801,
83.5023

35.6159, 54.7786,
62.5952

80.7408, 77.5925,
84.9826

81.0252, 77.7063,
86.4803

Harmonies

Analogous

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



51.0762, 62.3372, 59.1096



50.6682, 62.3372, 72.3126



52.4626, 62.3372, 85.9782

Triad

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



50.6682, 62.3372, 72.3126



65.2731, 62.3372, 90.1820



62.5102, 62.3372, 46.1459

Complementary

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



50.6682, 62.3372, 72.3126



47.1164, 40.7111, 38.6349

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.



66.5981, 62.3372, 52.5093



50.6682, 62.3372, 72.3126



68.2516, 62.3372, 77.4658

Square

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



50.6682, 62.3372, 72.3126



60.7796, 62.3372, 97.1692



68.7491, 62.3372, 63.6220



57.7455, 62.3372, 45.1530

Rectangle

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



50.6682, 62.3372, 72.3126



54.7259, 62.3372, 93.0874



68.7491, 62.3372, 63.6220



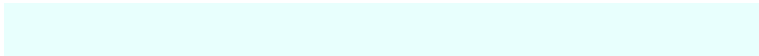
64.0160, 62.3372, 47.6827

Sweetspot

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



50.6700, 62.3397, 72.3140



86.7656, 95.7684, 106.7410



45.7635, 60.5239, 39.8433



18.3046, 20.3622, 22.7736



0.0000, 0.0000, 0.0000



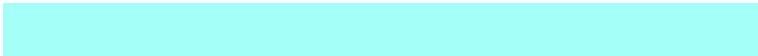
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6700, 62.3397, 72.3140



67.6201, 86.0136, 100.6483



45.1844, 50.1265, 74.3147



13.3903, 14.8078, 16.5183



21.1393, 32.4883, 37.2286



1.3850, 2.1109, 2.4933

Inverse Universe

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



47.1164, 40.7111, 38.6349



61.7882, 50.4916, 45.3567



51.3696, 50.0378, 37.5238



13.1046, 13.0710, 13.8122



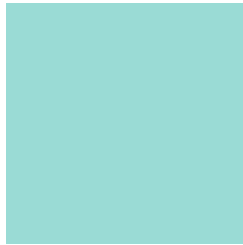
17.4158, 8.9674, 1.3037



1.1454, 0.5878, 0.1748

Previews

White Background



This preview shows how the XYZ color 50.6682, 62.3372, 72.3126 looks on a white background.

Color Contrast Check

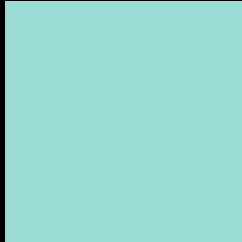
Large Text (above 18pt) WCAG AA × Fail

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 50.6682, 62.3372, 72.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

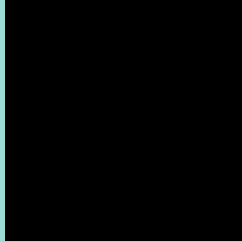
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6682, 62.3372, 72.3126

Background



This preview shows how black text looks on a background with the XYZ color 50.6682, 62.3372, 72.3126.

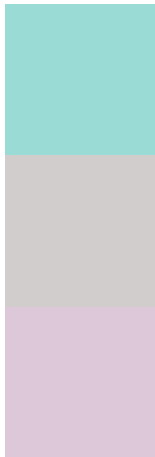


This preview shows how white text looks on a background with the XYZ color 50.6682, 62.3372,

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

50.6682, 62.3372, 72.3126

Protanopia

59.4291, 61.7721, 66.5486

Deuteranopia

62.9975, 61.6905, 74.2328



Tritanopia

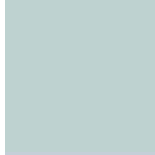
53.5619, 62.3659, 86.3056

Trichromacy



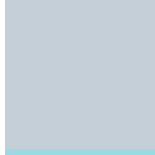
Original Color

50.6682, 62.3372, 72.3126



Protanomaly

55.6670, 61.5944, 68.6295



Deuteranomaly

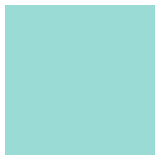
57.7335, 61.4538, 73.7846



Tritanomaly

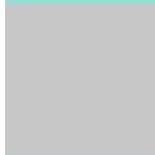
52.4449, 62.2848, 81.2095

Monochromacy



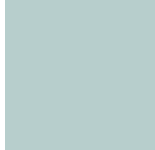
Original Color

50.6682, 62.3372, 72.3126



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.4988, 58.5695, 65.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6682, 62.3372, 72.3126 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(154, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 213)  
}
```

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(154, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 50.6682, 62.3372, 72.3126 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(154, 219, 213) }
```


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

```
.border{ border-color:rgb(154, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6682, 62.3372, 72.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 213) }
```

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

```
.background{ background-color: rgb(154,  
219, 213) }
```

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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