

Converting Colors

XYZ(50.8902, 62.1011, 69.7407)

Have a look what the booklet for
XYZ(50.8902, 62.1011, 69.7407)
contains.

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Color

**XYZ(50.8781, 62.1172,
69.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDAD1
RGB	159, 218, 209
RGB Percent	62%, 85%, 82%
CMY	0.3765, 0.1451, 0.1804
CMYK	0.27, 0.00, 0.04, 0.15
HSL	171°, 44%, 74%
HSV	171°, 27%, 85%
XYZ	50.8781, 62.1172, 69.6299
YIQ	199.3330, -32.2750, -15.3070

Conversions

Conversions Part 2

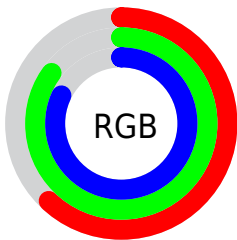
Format	Color
RYB	159, 191, 218
Decimal	10476241
CIELab	82.98, -20.64, -1.66
CIELCh	83, 20.710, 184.602
Yxy	62.1172, 0.2786, 0.3401
Android (android.graphics.Color)	4288666321 (0xFF9FDAD1)
YUV	199.3330, 4.7658, -35.3720
Hunter-Lab	78.8145, -22.6959, 2.7894

Details

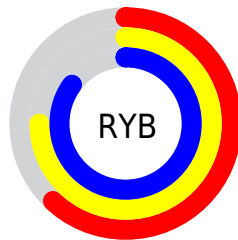
The XYZ color **50.8781, 62.1172, 69.6299** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3816, 42.5305, 42.7075**, and the grayscale version is **54.4773, 57.3144, 62.4153**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **24.9574, 31.6251, 35.7992** is the 20% darker color. If you saturate the color by 10%, you get **46.5233, 59.9209, 67.2998**, and if you desaturate by 10%, it is **56.0075, 64.7150, 72.0438**.

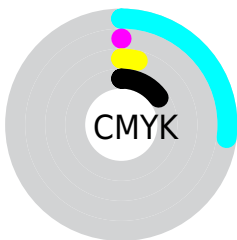
Distribution



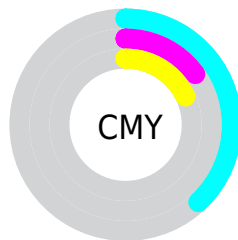
- Red (62%)
- Green (85%)
- Blue (82%)



- Red (62%)
- Yellow (75%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8781, 62.1172, 69.6299 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 50.8781, 62.1172, 69.6299 by changing the saturation by 10% instead.


 50.8781, 62.1172,
69.6299


 50.8781, 62.1172,
69.6299


380.4855,
432.3585, 478.0034

 36.3323, 45.1274,
50.7499


 90.6586, 107.8949,
120.3570

 24.8622, 31.5578,
35.6343


 116.6240,
137.4516, 153.0412

 16.1026, 21.0240,
23.8644


147.1266,
171.9660, 191.1638

 9.6881, 13.1415,
15.0218

182.5318,
211.8227, 235.1435

 5.2533, 7.5261,
8.6879

223.2049,
257.4058, 285.3988

 2.4329, 3.7932,
4.4442

269.5113,

 0.8616, 1.5586,

309.0999, 342.3482

1.8720

321.8164,
367.2893, 406.4102

■ 0.0000, 0.3294,
0.4749

■ 0.0000, 0.0000,
0.0000

■ 50.8781, 62.1172,
69.6299

■ 50.8781, 62.1172,
69.6299

■ 46.5233, 59.9209,
67.2998

■ 56.0075, 64.7150,
72.0438

■ 42.8977, 58.0980,
65.0470

■ 61.9432, 67.7259,
74.5394

■ 39.9592, 56.6282,
62.8708

■ 68.7219, 71.1704,
77.1197

■ 37.6594, 55.4868,
60.7686

■ 76.3762, 75.0652,
79.7868

■ 35.9434, 54.6453,
58.7375

■ 79.9897, 76.8759,
82.3107

■ 34.7469, 54.0707,
56.7742

■ 80.4498, 77.0599,
84.7332

■ 33.9855, 53.7195,
54.8745

■ 80.9187, 77.2475,
87.2026

■ 33.8021, 53.6369,
54.3269

■ 81.3966, 77.4387,
89.7191

■ 81.8835, 77.6334,
92.2830

Harmonies

Analogous

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



51.6090, 62.1172, 57.6136



50.8781, 62.1172, 69.6299



52.2422, 62.1172, 82.6043

Triad

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



50.8781, 62.1172, 69.6299



64.0590, 62.1172, 89.9962



62.8057, 62.1172, 47.7401

Complementary

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



50.8781, 62.1172, 69.6299



48.3816, 42.5305, 42.7075

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.



66.4044, 62.1172, 54.5932



50.8781, 62.1172, 69.6299



67.1532, 62.1172, 78.7561

Square

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



50.8781, 62.1172, 69.6299



59.7330, 62.1172, 95.2691



68.0324, 62.1172, 65.6787



58.3534, 62.1172, 45.9394

Rectangle

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



50.8781, 62.1172, 69.6299



54.1987, 62.1172, 89.7587



68.0324, 62.1172, 65.6787



64.1625, 62.1172, 49.4828

Sweetspot

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



50.8799, 62.1197, 69.6313



87.4419, 96.1353, 105.9492



47.6578, 61.0652, 42.0769



18.4287, 20.4310, 22.5606



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.



50.8799, 62.1197, 69.6313



69.1918, 86.8938, 97.5630



47.2252, 52.9757, 74.0689



13.3550, 14.7936, 16.3325



20.2823, 32.1456, 32.7157



1.3376, 2.0920, 2.2438

Inverse Universe

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



48.3816, 42.5305, 42.7075



65.1075, 54.8396, 53.5248



51.2269, 49.5173, 39.6598



13.1366, 13.0837, 13.9807



17.5138, 9.0066, 1.8197



1.1606, 0.5939, 0.2546

Previews

White Background



This preview shows how the XYZ color 50.8781, 62.1172, 69.6299 looks on a white background.

Color Contrast Check

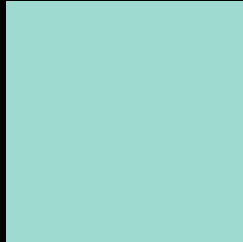
Large Text (above 18pt) WCAG AA × Fail

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 50.8781, 62.1172, 69.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

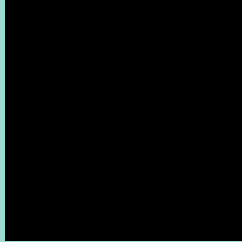
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

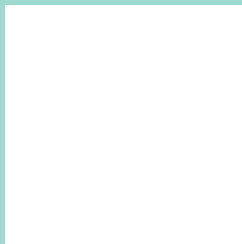
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8781, 62.1172, 69.6299

Background



This preview shows how black text looks on a background with the XYZ color 50.8781, 62.1172, 69.6299.



This preview shows how white text looks on a background with the XYZ color 50.8781, 62.1172,

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

50.8781, 62.1172, 69.6299

Protanopia

59.0703, 61.6285, 64.6593

Deuteranopia

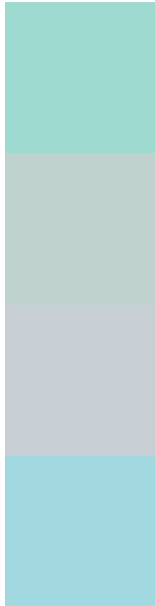
63.0959, 61.8006, 71.5540



Tritanopia

54.1758, 62.3196, 85.5174

Trichromacy



Original Color

50.8781, 62.1172, 69.6299

Protanomaly

55.5519, 61.5773, 66.7153

Deuteranomaly

58.0159, 61.6585, 71.1309

Tritanomaly

52.9107, 62.1749, 79.7333

Monochromacy



Original Color

50.8781, 62.1172, 69.6299

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.6180, 58.6448, 65.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8781, 62.1172, 69.6299 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(159, 218, 209)` looks like.

```
.text, #text, p{  
    color:rgb(159, 218, 209)  
}
```

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(159, 218, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 218, 209) }
```

Border

The CSS property to change the border of an element to XYZ 50.8781, 62.1172, 69.6299 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(159, 218, 209) }
```


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

```
.border{ border-color:rgb(159, 218, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 218, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 218, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 218, 209);  
box-shadow:4px 4px 4px 4px rgb(159, 218,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8781, 62.1172, 69.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 218, 209) }
```

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

```
.background{ background-color: rgb(159,  
218, 209) }
```

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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