

Converting Colors

XYZ(62.4331, 72.1414, 76.2538)

Have a look what the booklet for
XYZ(62.4331, 72.1414, 76.2538)
contains.

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Color

**XYZ(62.5360, 72.3858,
76.3215)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C1E5D9 |
| RGB | 193, 229, 217 |
| RGB Percent | 76%, 90%, 85% |
| CMY | 0.2431, 0.1019, 0.1490 |
| CMYK | 0.16, 0.00, 0.05, 0.10 |
| HSL | 160°, 41%, 83% |
| HSV | 160°, 16%, 90% |
| XYZ | 62.5360, 72.3858, 76.3215 |
| YIQ | 216.8680, -17.6040, -11.3640 |

Conversions

Conversions Part 2

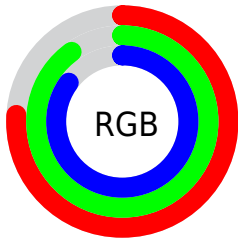
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 193, 215, 229 |
| Decimal | 12707289 |
| CIE _{Lab} | 88.15, -14.06, 1.91 |
| CIE _{LCh} | 88, 14.191, 172.246 |
| Yxy | 72.3858, 0.2960, 0.3427 |
| Android (android.graphics.Color) | 4290897369 (0xFFC1E5D9) |
| YUV | 216.8680, 0.0651, -20.9322 |
| Hunter-Lab | 85.0798, -17.6874, 6.3694 |

Details

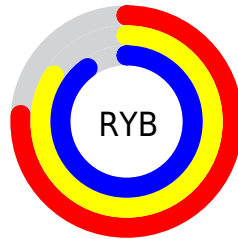
The XYZ color **62.5360, 72.3858, 76.3215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4051, 59.2076, 65.8999**, and the grayscale version is **65.8728, 69.3033, 75.4713**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.1126, 37.9847, 39.8217** is the 20% darker color. If you saturate the color by 10%, you get **56.1742, 69.2203, 70.9601**, and if you desaturate by 10%, it is **69.8518, 76.0418, 81.9704**.

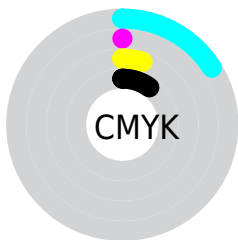
Distribution



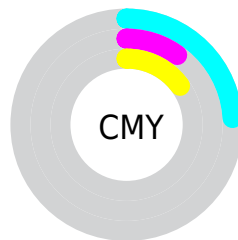
- Red (76%)
- Green (90%)
- Blue (85%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5360, 72.3858, 76.3215 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 62.5360, 72.3858, 76.3215 by changing the saturation by 10% instead.


 62.5360, 72.3858,
76.3215

 62.5360, 72.3858,
76.3215

423.5700,
468.8833, 501.8236

 45.7232, 53.4739,
56.1879


 107.5854,
122.6049, 129.9455

 32.2311, 38.1812,
39.9486


136.5527,
154.6808, 164.2730

 21.6945, 26.1234,
27.1850


170.3022,
191.9136, 204.1690

 13.7479, 16.9160,
17.4785

209.1992,
234.6876, 250.0519

 8.0261, 10.1746,
10.4107

253.6092,
283.3871, 302.3402

 4.1636, 5.5149,
5.5630

303.8974,

 1.7951, 2.5524,

338.3967, 361.4526

2.5168

360.4292,
400.1006, 427.8076

■ 0.5147, 0.9028,
0.8490

■ 0.0000, 0.0000,
0.0000

■ 62.5360, 72.3858,
76.3215

■ 62.5360, 72.3858,
76.3215

■ 56.1742, 69.2203,
70.9601

■ 69.8518, 76.0418,
81.9704

■ 50.7183, 66.5145,
65.8763

■ 78.1548, 80.1993,
87.9070

■ 46.1248, 64.2482,
61.0662

■ 84.9749, 83.5870,
94.0203

■ 42.3445, 62.3960,
56.5242

■ 86.1328, 84.0501,
100.1178

■ 39.3228, 60.9299,
52.2444

■ 87.3106, 84.5213,
106.3202

■ 36.9983, 59.8181,
48.2204

■ 35.2992, 59.0240,
44.4452

■ 34.1375, 58.5022,
40.9110

■ 33.7420, 58.3298,
39.4687

Harmonies

Analogous

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



63.7698, 72.3858, 67.9196



62.5360, 72.3858, 76.3215



62.9366, 72.3858, 86.1037

Triad

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



62.5360, 72.3858, 76.3215



71.3003, 72.3858, 97.4068



72.8732, 72.3858, 64.9458

Complementary

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



62.5360, 72.3858, 76.3215



62.4051, 59.2076, 65.8999

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.



75.0179, 72.3858, 71.9512



62.5360, 72.3858, 76.3215



74.0892, 72.3858, 90.8192

Square

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



62.5360, 72.3858, 76.3215



67.9240, 72.3858, 98.8185



75.4701, 72.3858, 81.3639



69.6846, 72.3858, 61.7128

Rectangle

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



62.5360, 72.3858, 76.3215



64.0828, 72.3858, 92.0579



75.4701, 72.3858, 81.3639



73.7444, 72.3858, 66.9087

Sweetspot

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



62.5380, 72.3888, 76.3231



89.8369, 97.3907, 105.1231



62.9900, 72.9567, 61.2153



19.0775, 20.7700, 22.3886



0.0000, 0.0000, 0.0000



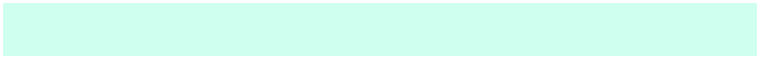
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5380, 72.3888, 76.3231



76.9240, 90.9436, 95.0425



62.6858, 70.0940, 84.3579



14.5925, 16.2504, 17.3846



19.3492, 33.3718, 22.8710



1.4725, 2.4831, 1.9148

Inverse Universe

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



62.4051, 59.2076, 65.8999



76.7232, 70.9796, 79.2589



62.2267, 61.0815, 58.9634



14.5742, 14.4469, 15.9581



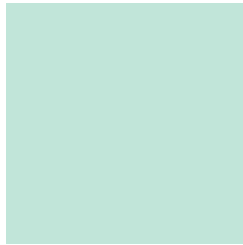
19.2778, 9.8453, 5.0918



1.4664, 0.7443, 0.5968

Previews

White Background



This preview shows how the XYZ color 62.5360, 72.3858, 76.3215 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 62.5360, 72.3858, 76.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

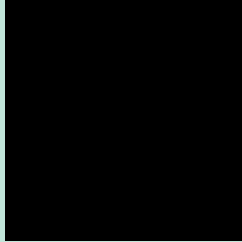
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

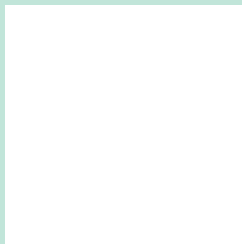
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5360, 72.3858, 76.3215

Background



This preview shows how black text looks on a background with the XYZ color 62.5360, 72.3858, 76.3215.

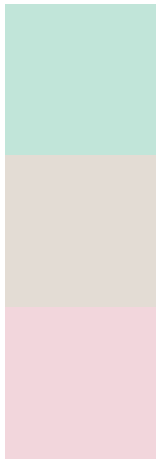


This preview shows how white text looks on a background with the XYZ color 62.5360, 72.3858,

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

62.5360, 72.3858, 76.3215

Protanopia

69.1554, 72.2708, 72.5921

Deuteranopia

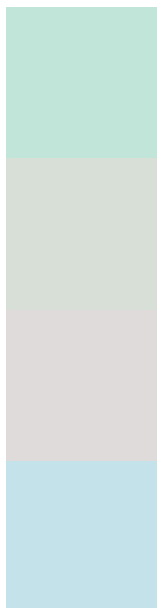
73.5828, 72.1377, 77.7559



Tritanopia

66.3916, 72.3273, 95.2554

Trichromacy



Original Color

62.5360, 72.3858, 76.3215

Protanomaly

66.5496, 72.0775, 74.0231

Deuteranomaly

68.8582, 71.6248, 77.2136

Tritanomaly

64.8126, 72.0690, 88.3366

Monochromacy



Original Color

62.5360, 72.3858, 76.3215

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3933, 70.1326, 75.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5360, 72.3858, 76.3215 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(193, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 229, 217)  
}
```

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(193, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.5360, 72.3858, 76.3215 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(193, 229, 217) }
```


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

```
.border{ border-color:rgb(193, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 229, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 229, 217); box-shadow:4px 4px 4px 4px rgb(193, 229, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5360, 72.3858, 76.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 229, 217) }
```

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

```
.background{ background-color: rgb(193,  
229, 217) }
```

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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