

Converting Colors

XYZ(62.1025, 68.3899, 83.3262)

Have a look what the booklet for
XYZ(62.1025, 68.3899, 83.3262)
contains.

XYZ(62.1025, 68.3899, 83.3262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1025, 68.3899,
83.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DCE4
RGB	195, 220, 228
RGB Percent	76%, 86%, 89%
CMY	0.2353, 0.1372, 0.1059
CMYK	0.14, 0.04, 0.00, 0.11
HSL	195°, 38%, 83%
HSV	195°, 14%, 89%
XYZ	62.1025, 68.3899, 83.3262
YIQ	213.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

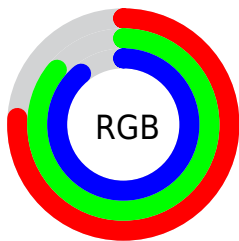
Format	Color
R _Y B	195, 209, 228
Decimal	12836068
CIE Lab	86.20, -6.65, -6.73
CIE LCh	86, 9.462, 225.335
Yxy	68.3899, 0.2904, 0.3199
Android (android.graphics.Color)	4291026148 (0xFFC3DCE4)
YUV	213.4370, 7.1796, -16.1692
Hunter-Lab	82.6982, -10.6766, -1.8515

Details

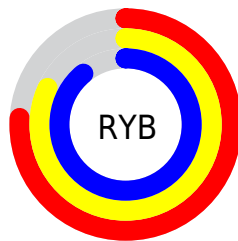
The XYZ color **62.1025, 68.3899, 83.3262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2018, 63.1460, 60.4885**, and the grayscale version is **63.5018, 66.8089, 72.7549**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.9825, 35.5901, 44.7191** is the 20% darker color. If you saturate the color by 10%, you get **55.2295, 62.7312, 82.5973**, and if you desaturate by 10%, it is **69.9269, 74.6139, 84.1162**.

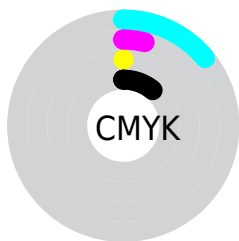
Distribution



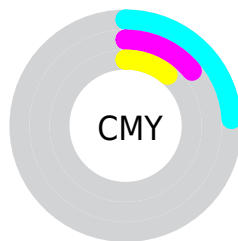
- Red (76%)
- Green (86%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1025, 68.3899, 83.3262 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 62.1025, 68.3899, 83.3262 by changing the saturation by 10% instead.

■ 62.1025, 68.3899,
83.3262

■ 62.1025, 68.3899,
83.3262

422.0165,
454.8762, 526.0725

■ 45.3714, 50.2150,
61.9171

106.9628,
116.9097, 139.8856

■ 31.9526, 35.5843,
44.5304

135.8227,
148.0235, 175.8729

■ 21.4807, 24.1133,
30.7474

169.4562,
184.2190, 217.5568

■ 13.5903, 15.4177,
20.1497

208.2288,
225.8806, 265.3556

■ 7.9160, 9.1130,
12.3188

252.5058,
273.3927, 319.6881

■ 4.0926, 4.8150,
6.8360

302.6525,

■ 1.7547, 2.1391,

327.1398, 380.9727

3.2829

359.0343,
387.5061, 449.6280

■ 0.4901, 0.6865,
1.2408

■ 0.0000, 0.0000,
0.0125

■ 62.1025, 68.3899,
83.3262

■ 62.1025, 68.3899,
83.3262

■ 55.2295, 62.7312,
82.5973

■ 69.9269, 74.6139,
84.1162

■ 49.2609, 57.6073,
81.9229

■ 78.7353, 81.4152,
84.9648

■ 44.1543, 52.9976,
81.3023

■ 85.4067, 87.1873,
85.7273

■ 39.8617, 48.8767,
80.7331

■ 87.0275, 90.4288,
86.2675

■ 36.3300, 45.2164,
80.2127

■ 88.6979, 93.7698,
86.8244

■ 33.4995, 41.9852,
79.7382

■ 90.4185, 97.2110,
87.3979

■ 31.3011, 39.1469,
79.3062

■ 91.0038, 98.3815,
87.5930

■ 29.6505, 36.6571,
78.9127

■ 28.8991, 35.3921,
78.7081

Harmonies

Analogous

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



61.0464, 68.3899, 77.6824



62.1025, 68.3899, 83.3262



63.9479, 68.3899, 86.6826

Triad

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



62.1025, 68.3899, 83.3262



69.1392, 68.3899, 77.5433



63.9012, 68.3899, 63.4855

Complementary

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



62.1025, 68.3899, 83.3262



63.2018, 63.1460, 60.4885

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.



66.0687, 68.3899, 63.4529



62.1025, 68.3899, 83.3262



69.1260, 68.3899, 71.3376

Square

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



62.1025, 68.3899, 83.3262



68.0272, 68.3899, 83.2195



67.9915, 68.3899, 66.2554



62.0689, 68.3899, 66.3471

Rectangle

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



62.1025, 68.3899, 83.3262



65.3927, 68.3899, 87.0581



67.9915, 68.3899, 66.2554



64.6139, 68.3899, 63.1489

Sweetspot

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



62.1045, 68.3927, 83.3277



90.6129, 96.5495, 108.4679



60.9941, 71.3877, 66.8785



19.2212, 20.5296, 23.1995



0.0000, 0.0000, 0.0000



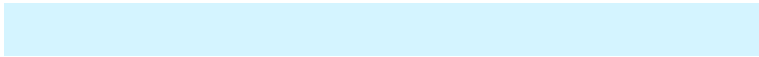
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1045, 68.3927, 83.3277



77.6003, 86.1645, 107.1492



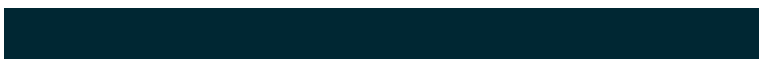
58.0560, 60.2957, 81.9782



14.4960, 15.7134, 18.4133



16.7841, 20.6302, 45.4806



1.3113, 1.6666, 3.3845

Inverse Universe

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



64.4299, 60.6931, 76.0324



81.1004, 74.7339, 96.1329



67.2302, 71.2028, 61.8313



14.8380, 14.5524, 17.3471



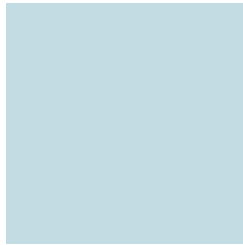
22.8653, 11.2803, 23.9836



1.7255, 0.8479, 1.9611

Previews

White Background



This preview shows how the XYZ color 62.1025, 68.3899, 83.3262 looks on a white background.

Color Contrast Check

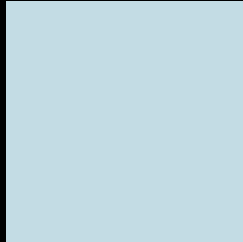
Large Text (above 18pt) WCAG AA × Fail

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 62.1025, 68.3899, 83.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

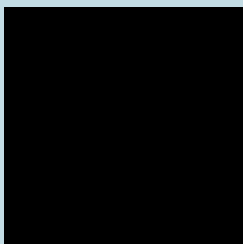
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

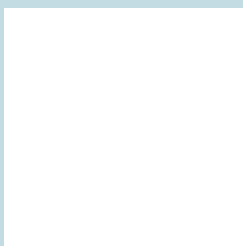
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1025, 68.3899, 83.3262

Background



This preview shows how black text looks on a background with the XYZ color 62.1025, 68.3899, 83.3262.



This preview shows how white text looks on a background with the XYZ color 62.1025, 68.3899,

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

62.1025, 68.3899, 83.3262

Protanopia

65.8200, 68.0739, 80.1915

Deuteranopia

69.3965, 67.9721, 84.3253



Tritanopia

63.2368, 68.4549, 89.2371

Trichromacy



Original Color

62.1025, 68.3899, 83.3262

Protanomaly

64.1589, 67.9579, 80.9698

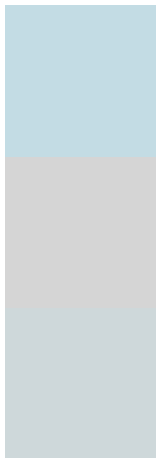
Deuteranomaly

66.5524, 67.9974, 83.7459

Tritanomaly

62.8044, 68.2820, 86.9604

Monochromacy



Original Color

62.1025, 68.3899, 83.3262

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.6644, 67.2955, 76.0162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1025, 68.3899, 83.3262 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(195, 220, 228) looks like.

```
.text, #text, p{  
    color:rgb(195, 220, 228)  
}
```

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(195, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 220, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.1025, 68.3899, 83.3262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

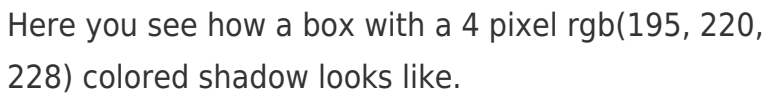
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 220, 228) }
```


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

```
.border{ border-color:rgb(195, 220, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 220, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 220, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 220, 228); box-shadow:4px 4px 4px 4px rgb(195, 220, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1025, 68.3899, 83.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 220, 228) }
```

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

```
.background{ background-color: rgb(195,  
220, 228) }
```

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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