

Converting Colors

XYZ(62.8652, 69.3446, 78.5916)

Have a look what the booklet for
XYZ(62.8652, 69.3446, 78.5916)
contains.

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Color

**XYZ(62.7270, 69.2127,
78.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDDD
RGB	200, 221, 221
RGB Percent	78%, 87%, 87%
CMY	0.2157, 0.1333, 0.1333
CMYK	0.10, 0.00, 0.00, 0.13
HSL	180°, 24%, 83%
HSV	180°, 10%, 87%
XYZ	62.7270, 69.2127, 78.4599
YIQ	214.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

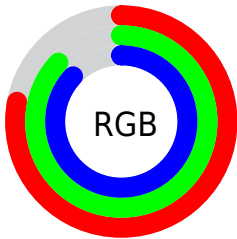
Format	Color
R_{YB}	200, 211, 221
Decimal	13163997
CIE _{Lab}	86.61, -6.96, -2.39
CIE _{LCh}	87, 7.361, 198.968
Yxy	69.2127, 0.2981, 0.3290
Android (android.graphics.Color)	4291354077 (0xFFC8DDDD)
YUV	214.7210, 3.0955, -12.9103
Hunter-Lab	83.1942, -11.0038, 2.3199

Details

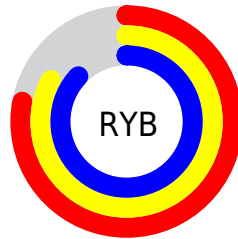
The XYZ color **62.7270, 69.2127, 78.4599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9009, 60.8527, 63.1827**, and the grayscale version is **64.3901, 67.7433, 73.7725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3732, 36.1366, 41.3452** is the 20% darker color. If you saturate the color by 10%, you get **57.2461, 66.3891, 78.2024**, and if you desaturate by 10%, it is **69.0651, 72.4819, 78.7604**.

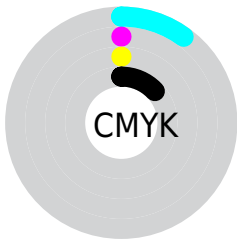
Distribution



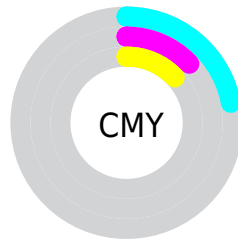
- Red (78%)
- Green (87%)
- Blue (87%)



- Red (78%)
- Yellow (83%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7270, 69.2127, 78.4599 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 62.7270, 69.2127, 78.4599 by changing the saturation by 10% instead.

■ 62.7270, 69.2127,
78.4599

■ 62.7270, 69.2127,
78.4599

424.2535,
457.7808, 509.2965

■ 45.8782, 50.8850,
57.9332

107.8596,
118.0853, 132.9900

■ 32.3539, 36.1171,
41.3406

136.8741,
149.3990, 167.8304

■ 21.7888, 24.5246,
28.2636

170.6745,
185.8101, 208.2792

■ 13.8176, 15.7232,
18.2837

209.6263,
227.7030, 254.7548

■ 8.0747, 9.3285,
10.9823

254.0947,
275.4621, 307.6758

■ 4.1950, 4.9561,
5.9409

304.4451,

■ 1.8130, 2.2215,

329.4719, 367.4607

2.7410

361.0429,
390.1166, 434.5281

■ 0.5255, 0.7317,
0.9640

■ 0.0000, 0.0000,
0.0000

■ 62.7270, 69.2127,
78.4599

■ 62.7270, 69.2127,
78.4599

■ 57.2461, 66.3891,
78.2024

■ 69.0651, 72.4819,
78.7604

■ 52.5799, 63.9837,
77.9816


■ 76.2887, 76.2058,
79.1009


■ 48.6915, 61.9792,
77.7972


■ 80.1505, 78.1966,
79.2841


■ 45.5385, 60.3538,
77.6472

■ 80.1509, 78.1967,
79.2865


 43.0747, 59.0837,
77.5294


 80.1514, 78.1969,
79.2890


 41.2485, 58.1423,
77.4415


 80.1519, 78.1971,
79.2915


 40.0012, 57.4994,
77.3807

 80.1523, 78.1973,
79.2939

 39.2632, 57.1190,
77.3437

 80.1528, 78.1975,
79.2964

 38.9186, 56.9414,
77.3252

 80.1533, 78.1977,
79.2988

Harmonies

Analogous

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



62.6131, 69.2127, 73.5750



62.7270, 69.2127, 78.4599



63.6518, 69.2127, 82.6818

Triad

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



62.7270, 69.2127, 78.4599



68.2935, 69.2127, 81.7065



66.4152, 69.2127, 66.4999

Complementary

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



62.7270, 69.2127, 78.4599



60.9009, 60.8527, 63.1827

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.



67.9645, 69.2127, 68.4854



62.7270, 69.2127, 78.4599



69.0614, 69.2127, 77.1754

Square

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



62.7270, 69.2127, 78.4599



66.8580, 69.2127, 84.6115



68.9400, 69.2127, 72.3445



64.7228, 69.2127, 66.8103

Rectangle

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



62.7270, 69.2127, 78.4599



64.6128, 69.2127, 84.4863



68.9400, 69.2127, 72.3445



66.9705, 69.2127, 66.9174

Sweetspot

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



62.7290, 69.2156, 78.4614



92.2911, 98.5778, 108.7699



60.1968, 68.2135, 64.6385



19.6003, 21.0204, 23.2740



0.0000, 0.0000, 0.0000



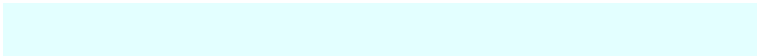
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7290, 69.2156, 78.4614



85.4721, 95.0625, 108.4480



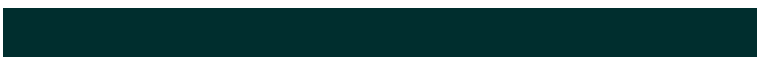
60.1296, 64.0160, 77.5972



13.4448, 14.8296, 16.8054



22.5993, 33.0724, 44.9169



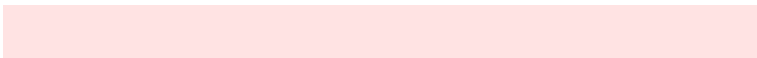
1.4641, 2.1426, 2.9101

Inverse Universe

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



60.9009, 60.8527, 63.1827



82.5543, 81.7144, 84.0615



63.3303, 65.7120, 63.9906



13.0562, 13.0516, 13.5571



17.3223, 8.9300, 0.8115



1.1223, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 62.7270, 69.2127, 78.4599 looks on a white background.

Color Contrast Check

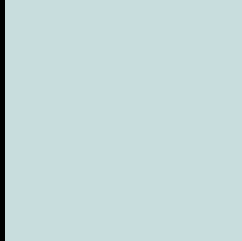
Large Text (above 18pt) WCAG AA × Fail

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 62.7270, 69.2127, 78.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

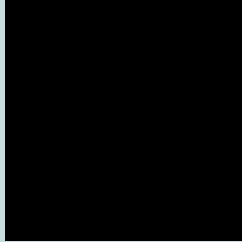
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

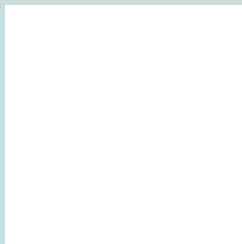
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7270, 69.2127, 78.4599

Background



This preview shows how black text looks on a background with the XYZ color 62.7270, 69.2127, 78.4599.



This preview shows how white text looks on a background with the XYZ color 62.7270, 69.2127,

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

62.7270, 69.2127, 78.4599

Protanopia

66.4705, 68.8785, 76.1212

Deuteranopia

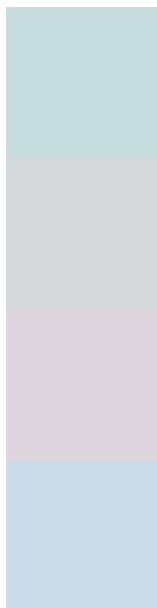
70.2976, 68.9133, 79.4086



Tritanopia

65.1004, 69.4157, 89.3243

Trichromacy



Original Color

62.7270, 69.2127, 78.4599

Protanomaly

65.0396, 68.8863, 76.8863

Deuteranomaly

67.3556, 68.8967, 78.8556

Tritanomaly

64.3741, 69.5125, 85.6257

Monochromacy



Original Color

62.7270, 69.2127, 78.4599

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9156, 68.3371, 75.4673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7270, 69.2127, 78.4599 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(200, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 221)  
}
```

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(200, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.7270, 69.2127, 78.4599 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(200, 221, 221) }
```


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

```
.border{ border-color:rgb(200, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7270, 69.2127, 78.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 221) }
```

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

```
.background{ background-color: rgb(200,  
221, 221) }
```

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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