

Converting Colors

XYZ(67.3867, 72.5167, 82.7330)

Have a look what the booklet for
XYZ(67.3867, 72.5167, 82.7330)
contains.

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Color

**XYZ(67.5345, 72.7993,
82.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E0E2
RGB	212, 224, 226
RGB Percent	83%, 88%, 89%
CMY	0.1686, 0.1215, 0.1137
CMYK	0.06, 0.01, 0.00, 0.11
HSL	189°, 19%, 86%
HSV	189°, 6%, 89%
XYZ	67.5345, 72.7993, 82.4437
YIQ	220.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

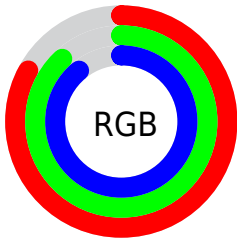
Format	Color
R_{YB}	212, 218, 226
Decimal	13951202
CIE Lab	88.35, -3.62, -2.37
CIE LCh	88, 4.332, 213.214
Yxy	72.7993, 0.3031, 0.3268
Android (android.graphics.Color)	4292141282 (0xFFD4E0E2)
YUV	220.6400, 2.6425, -7.5773
Hunter-Lab	85.3225, -8.0280, 2.4362

Details

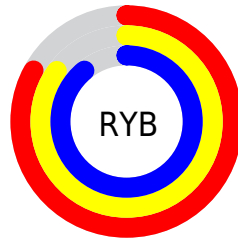
The XYZ color **67.5345, 72.7993, 82.4437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2946, 69.0149, 72.0630**, and the grayscale version is **68.4626, 72.0280, 78.4384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4433, 38.4843, 44.0882** is the 20% darker color. If you saturate the color by 10%, you get **60.6126, 67.9591, 81.8754**, and if you desaturate by 10%, it is **75.3889, 78.1486, 83.0634**.

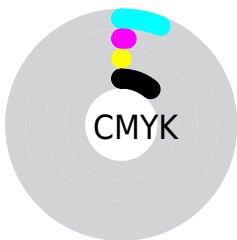
Distribution



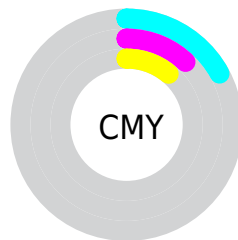
- Red (83%)
- Green (88%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5345, 72.7993, 82.4437 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 67.5345, 72.7993, 82.4437 by changing the saturation by 10% instead.

■ 67.5345, 72.7993,
82.4437

■ 67.5345, 72.7993,
82.4437

441.2476,
470.3189, 523.0530

■ 49.7914, 53.8119,
61.1934

114.7315,
123.1922, 138.6383

■ 35.4648, 38.4513,
43.9497

144.9162,
155.3666, 174.4197

■ 24.1893, 26.3331,
30.2941

179.9788,
192.7053, 215.8818

■ 15.5996, 17.0730,
19.8079

220.2846,
235.5928, 263.4433

■ 9.3303, 10.2866,
12.0728

266.1990,
284.4135, 317.5226

■ 5.0161, 5.5894,
6.6702

318.0874,

■ 2.2916, 2.5970,

339.5519, 378.5383

3.1814

376.3152,
401.3922, 446.9089

■ 0.7903, 0.9252,
1.1880

■ 0.0000, 0.0000,
0.0000

■ 67.5345, 72.7993,
82.4437

■ 67.5345, 72.7993,
82.4437

■ 60.6126, 67.9591,
81.8754

■ 75.3889, 78.1486,
83.0634

■ 54.5793, 63.5992,
81.3518

■ 83.3902, 83.5961,
83.6931

■ 49.3961, 59.7018,
80.8727

■ 84.2978, 85.4114,
83.9957

■ 45.0196, 56.2441,
80.4360

■ 85.2221, 87.2600,
84.3038

41.4023, 53.2017,
80.0394

86.1632, 89.1422,
84.6175

38.4917, 50.5473,
79.6805

87.1212, 91.0581,
84.9368

36.2285, 48.2501,
79.3564

88.0960, 93.0078,
85.2617

34.5433, 46.2744,
79.0638

89.0880, 94.9916,
85.5924

33.3498, 44.5755,
78.7988

90.0970, 97.0097,
85.9287

Harmonies

Analogous

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



67.2167, 72.7993, 79.5875



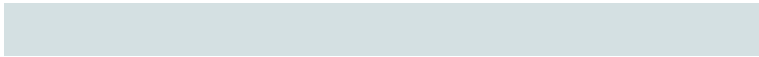
67.5345, 72.7993, 82.4437



68.2966, 72.7993, 84.4876

Triad

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



67.5345, 72.7993, 82.4437



70.9935, 72.7993, 81.8743



69.0815, 72.7993, 73.6862

Complementary

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



67.5345, 72.7993, 82.4437



67.2946, 69.0149, 72.0630

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.



70.0984, 72.7993, 74.2642



67.5345, 72.7993, 82.4437



71.2087, 72.7993, 78.9455

Square

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



67.5345, 72.7993, 82.4437



70.2944, 72.7993, 84.1531



70.8796, 72.7993, 76.1711



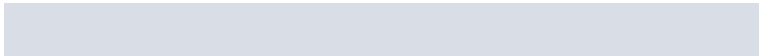
68.1043, 72.7993, 74.5720

Rectangle

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



67.5345, 72.7993, 82.4437



68.9576, 72.7993, 85.0882



70.8796, 72.7993, 76.1711



69.4300, 72.7993, 73.7158

Sweetspot

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



67.5366, 72.8024, 82.4453



92.9669, 98.5823, 108.7362



66.4695, 73.2392, 74.1636



19.9206, 21.1156, 23.2757



0.0000, 0.0000, 0.0000



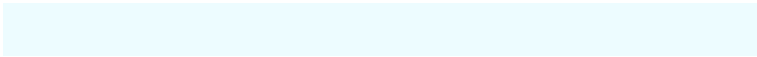
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5366, 72.8024, 82.4453



87.9784, 95.1569, 108.3379



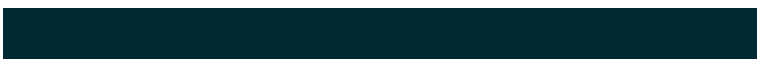
65.7273, 69.1838, 81.8422



14.2307, 15.4225, 17.6145



18.8752, 25.2199, 44.9215



1.3546, 1.8406, 3.1291

Inverse Universe

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



68.3637, 68.6390, 80.1700



89.2104, 88.9724, 104.9449



69.0701, 72.5659, 72.6548



14.4450, 14.3489, 17.0241



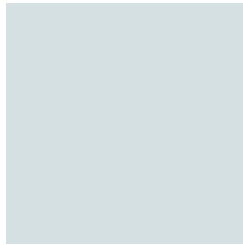
23.4675, 11.4540, 30.1913



1.6500, 0.8033, 2.2157

Previews

White Background



This preview shows how the XYZ color 67.5345, 72.7993, 82.4437 looks on a white background.

Color Contrast Check

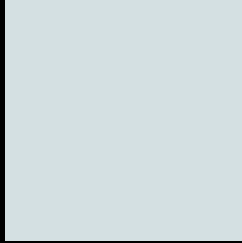
Large Text (above 18pt) WCAG AA × Fail

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 67.5345, 72.7993, 82.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

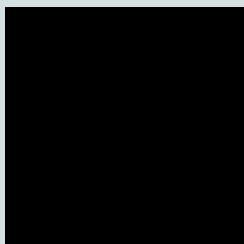
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

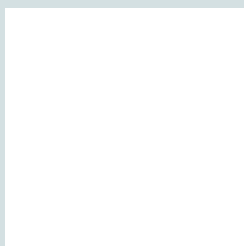
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5345, 72.7993, 82.4437

Background



This preview shows how black text looks on a background with the XYZ color 67.5345, 72.7993, 82.4437.

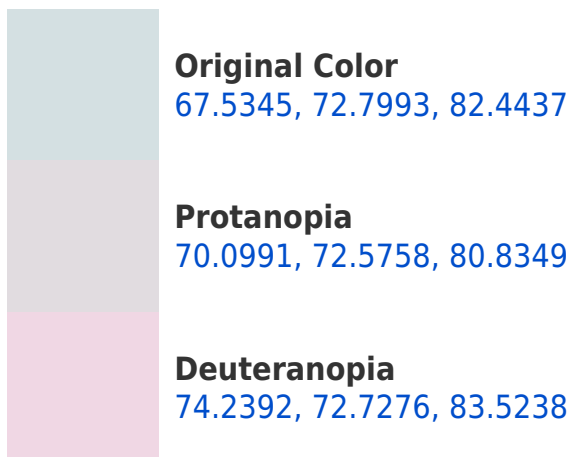


This preview shows how white text looks on a background with the XYZ color 67.5345, 72.7993,

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

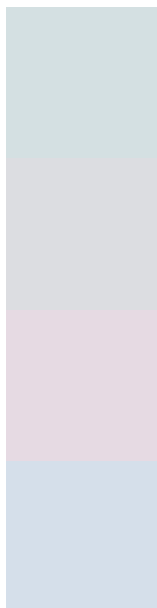




Tritanopia

69.4328, 72.7707, 92.0480

Trichromacy



Original Color

67.5345, 72.7993, 82.4437

Protanomaly

68.9623, 72.3648, 81.5673

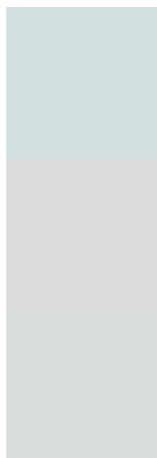
Deuteranomaly

71.5697, 72.5119, 82.8971

Tritanomaly

68.6795, 72.8620, 88.2859

Monochromacy



Original Color

67.5345, 72.7993, 82.4437

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3540, 72.4757, 80.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5345, 72.7993, 82.4437 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(212, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 226)  
}
```

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(212, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.5345, 72.7993, 82.4437 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(212, 224, 226) }
```


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

```
.border{ border-color:rgb(212, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5345, 72.7993, 82.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 226) }
```

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

```
.background{ background-color: rgb(212,  
224, 226) }
```

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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