

Converting Colors

XYZ(66.9064, 72.6235, 83.1302)

Have a look what the booklet for
XYZ(66.9064, 72.6235, 83.1302)
contains.

XYZ(66.8153, 72.4127, 83.1285)	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(66.8153, 72.4127,
83.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0E3
RGB	209, 224, 227
RGB Percent	82%, 88%, 89%
CMY	0.1804, 0.1215, 0.1098
CMYK	0.08, 0.01, 0.00, 0.11
HSL	190°, 24%, 85%
HSV	190°, 8%, 89%
XYZ	66.8153, 72.4127, 83.1285
YIQ	219.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

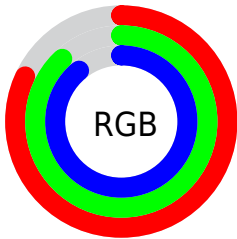
Format	Color
R_{YB}	209, 217, 227
Decimal	13754595
CIE Lab	88.17, -4.42, -3.20
CIE LCh	88, 5.451, 215.888
Yxy	72.4127, 0.3005, 0.3257
Android (android.graphics.Color)	4291944675 (0xFFD1E0E3)
YUV	219.8570, 3.5215, -9.5216
Hunter-Lab	85.0957, -8.7630, 1.6476

Details

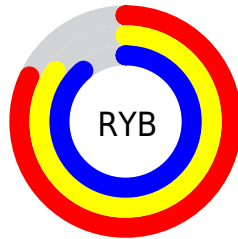
The XYZ color **66.8153, 72.4127, 83.1285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7309, 68.0208, 69.9351**, and the grayscale version is **67.9107, 71.4474, 77.8062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1519, 38.3231, 44.5741** is the 20% darker color. If you saturate the color by 10%, you get **59.8410, 67.3283, 82.5158**, and if you desaturate by 10%, it is **74.7314, 78.0201, 83.7947**.

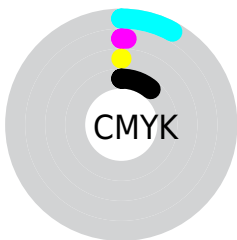
Distribution



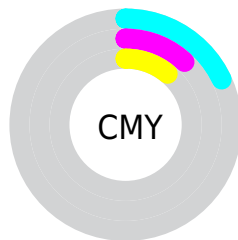
- Red (82%)
- Green (88%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8153, 72.4127, 83.1285 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 66.8153, 72.4127, 83.1285 by changing the saturation by 10% instead.

■ 66.8153, 72.4127,
83.1285

■ 66.8153, 72.4127,
83.1285

438.7299,
468.9768, 525.3969

■ 49.2047, 53.4959,
61.7549

113.7070,
122.6431, 139.6063

■ 34.9971, 38.1988,
44.4002

143.7187,
154.7255, 175.5475

■ 23.8271, 26.1370,
30.6458

178.5949,
191.9651, 217.1818

■ 15.3295, 16.9262,
20.0731

218.7009,
234.7465, 264.9276

■ 9.1388, 10.1819,
12.2636

264.4021,
283.4539, 319.2035

■ 4.8896, 5.5197,
6.7987

316.0637,

■ 2.2167, 2.5553,

338.4719, 380.4280

3.2600

374.0512,
400.1847, 449.0196

■ 0.7515, 0.9042,
1.2289

■ 0.0000, 0.0000,
0.0024

■ 66.8153, 72.4127,
83.1285

■ 66.8153, 72.4127,
83.1285

■ 59.8410, 67.3283,
82.5158

■ 74.7314, 78.0201,
83.7947

■ 53.7637, 62.7375,
81.9500

■ 83.6195, 84.1604,
84.5115

■ 48.5440, 58.6220,
81.4308

■ 84.9116, 86.4187,
84.8793

■ 44.1373, 54.9585,
80.9559

■ 86.0072, 88.6099,
85.2445

40.4946, 51.7215,
80.5231

87.1259, 90.8473,
85.6174

37.5620, 48.8829,
80.1297

88.2679, 93.1312,
85.9980

35.2777, 46.4108,
79.7730

89.4333, 95.4620,
86.3865

33.5695, 44.2676,
79.4493

90.6222, 97.8399,
86.7828

32.3365, 42.4011,
79.1540

90.8653, 98.3261,
86.8638

Harmonies

Analogous

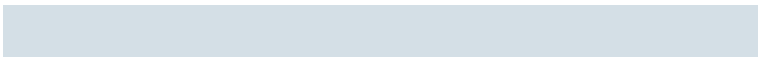
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3628, 72.4127, 79.5838



66.8153, 72.4127, 83.1285



67.8072, 72.4127, 85.5805

Triad

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



66.8153, 72.4127, 83.1285



71.1394, 72.4127, 81.8142



68.5693, 72.4127, 71.9179

Complementary

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



66.8153, 72.4127, 83.1285



66.7309, 68.0208, 69.9351

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.



69.8552, 72.4127, 72.4728



66.8153, 72.4127, 83.1285



71.3496, 72.4127, 78.1110

Square

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



66.8153, 72.4127, 83.1285



70.3059, 72.4127, 84.8051



70.8768, 72.4127, 74.7115



67.3672, 72.4127, 73.1712

Rectangle

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



66.8153, 72.4127, 83.1285



68.6465, 72.4127, 86.2241



70.8768, 72.4127, 74.7115



69.0060, 72.4127, 71.8996

Sweetspot

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



66.8174, 72.4158, 83.1301



92.9283, 98.5050, 108.7233



65.6106, 73.2330, 72.7677



19.9127, 21.0998, 23.2731



0.0000, 0.0000, 0.0000



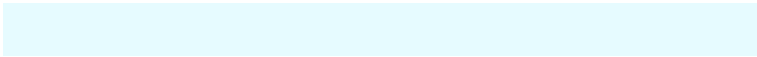
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8174, 72.4158, 83.1301



84.9436, 92.8018, 108.0433



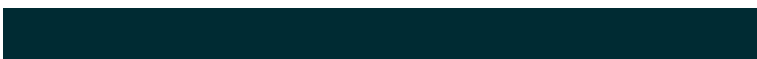
64.5377, 67.8564, 82.3702



14.5925, 15.9064, 18.4455



18.7996, 24.6614, 46.1524



1.4437, 1.9314, 3.4287

Inverse Universe

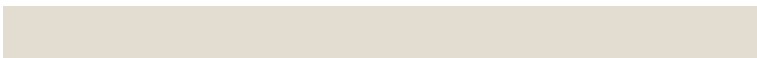
The Inverse Universe completely reimagines the original color for something new.



67.9352, 67.3151, 79.9372



86.7718, 84.5253, 102.8061



68.9656, 72.4902, 70.6800



14.8867, 14.5719, 17.6036



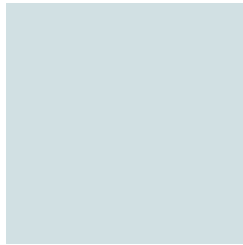
23.8827, 11.6873, 29.3409



1.7923, 0.8746, 2.3130

Previews

White Background



This preview shows how the XYZ color 66.8153, 72.4127, 83.1285 looks on a white background.

Color Contrast Check

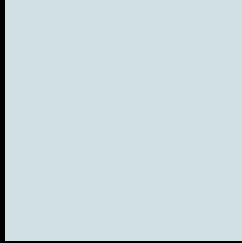
Large Text (above 18pt) WCAG AA × Fail

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 66.8153, 72.4127, 83.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

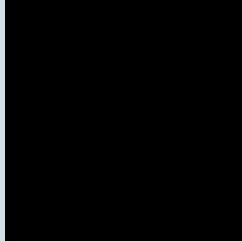
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

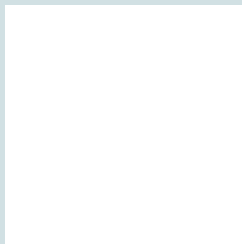
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8153, 72.4127, 83.1285

Background



This preview shows how black text looks on a background with the XYZ color 66.8153, 72.4127, 83.1285.

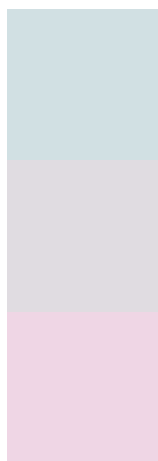


This preview shows how white text looks on a background with the XYZ color 66.8153, 72.4127,

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

66.8153, 72.4127, 83.1285

Protanopia

69.9243, 72.4699, 81.5369

Deuteranopia

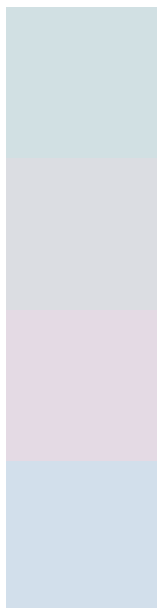
73.7860, 72.1010, 84.1567



Tritanopia

68.7134, 72.3827, 92.7877

Trichromacy



Original Color

66.8153, 72.4127, 83.1285

Protanomaly

68.7973, 72.2640, 82.2738

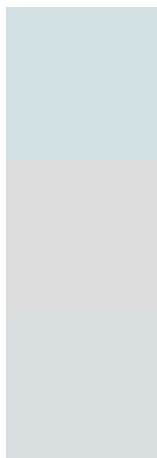
Deuteranomaly

71.0699, 72.2382, 83.5964

Tritanomaly

67.9614, 72.4751, 89.0044

Monochromacy



Original Color

66.8153, 72.4127, 83.1285

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4946, 71.6395, 80.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8153, 72.4127, 83.1285 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(209, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 227)  
}
```

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(209, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.8153, 72.4127, 83.1285 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(209, 224, 227) }
```


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

```
.border{ border-color:rgb(209, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 224, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 224, 227); box-shadow:4px 4px 4px 4px rgb(209, 224, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8153, 72.4127, 83.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 227) }
```

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

```
.background{ background-color: rgb(209,  
224, 227) }
```

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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