

Converting Colors

XYZ(66.7151, 73.3037, 82.8230)

Have a look what the booklet for
XYZ(66.7151, 73.3037, 82.8230)
contains.

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Color

**XYZ(66.6560, 73.1491,
82.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE2E2
RGB	207, 226, 226
RGB Percent	81%, 89%, 89%
CMY	0.1882, 0.1137, 0.1137
CMYK	0.08, 0.00, 0.00, 0.11
HSL	180°, 25%, 85%
HSV	180°, 8%, 89%
XYZ	66.6560, 73.1491, 82.5575
YIQ	220.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

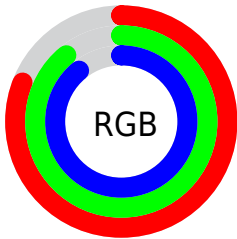
Format	Color
R_{YB}	207, 217, 226
Decimal	13624034
CIE _{Lab}	88.52, -6.29, -2.17
CIE _{LCh}	89, 6.650, 199.035
Yxy	73.1491, 0.2998, 0.3290
Android (android.graphics.Color)	4291814114 (0xFFCFE2E2)
YUV	220.3190, 2.8007, -11.6808
Hunter-Lab	85.5272, -10.5580, 2.6378

Details

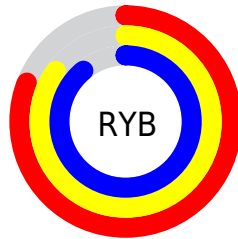
The XYZ color **66.6560, 73.1491, 82.5575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9421, 65.3015, 68.2167**, and the grayscale version is **68.2387, 71.7925, 78.1820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0505, 38.8384, 44.1773** is the 20% darker color. If you saturate the color by 10%, you get **60.7883, 70.1263, 82.2815**, and if you desaturate by 10%, it is **73.4317, 76.6440, 82.8791**.

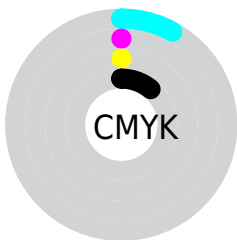
Distribution



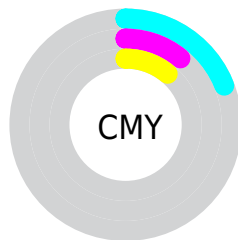
- Red (81%)
- Green (89%)
- Blue (89%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



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



- Cyan (19%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6560, 73.1491, 82.5575 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 66.6560, 73.1491, 82.5575 by changing the saturation by 10% instead.

■ 66.6560, 73.1491,
82.5575

■ 66.6560, 73.1491,
82.5575

438.1711,
471.5314, 523.4429

■ 49.0748, 54.0979,
61.2867

113.4799,
123.6889, 138.7992

■ 34.8936, 38.6799,
44.0245

143.4533,
155.9462, 174.6072

■ 23.7470, 26.5108,
30.3524

178.2881,
193.3743, 216.0980

■ 15.2698, 17.2062,
19.8519

218.3497,
236.3577, 263.6901

■ 9.0965, 10.3816,
12.1045

264.0034,
285.2807, 317.8021

■ 4.8618, 5.6527,
6.6915

315.6147,

■ 2.2003, 2.6351,

340.5278, 378.8526

3.1944

373.5488,
402.4832, 447.2600

■ 0.7429, 0.9443,
1.1947

■ 0.0000, 0.0000,
0.0000

■ 66.6560, 73.1491,
82.5575

■ 66.6560, 73.1491,
82.5575

■ 60.7883, 70.1263,
82.2815

■ 73.4317, 76.6440,
82.8791

■ 55.7842, 67.5466,
82.0444

■ 81.1450, 80.6203,
83.2430

■ 51.6047, 65.3921,
81.8458

■ 82.1671, 81.1472,
83.2937

■ 48.2056, 63.6398,
81.6838

■ 82.1676, 81.1474,
83.2967

45.5386, 62.2650,
81.5561

82.1682, 81.1476,
83.2997

43.5499, 61.2399,
81.4601

82.1688, 81.1478,
83.3026

42.1784, 60.5329,
81.3929

82.1693, 81.1481,
83.3056

41.3520, 60.1069,
81.3513

82.1699, 81.1483,
83.3085

40.9654, 59.9077,
81.3303

82.1704, 81.1485,
83.3115

Harmonies

Analogous

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



66.5470, 73.1491, 77.9816



66.6560, 73.1491, 82.5575



67.5270, 73.1491, 86.4924

Triad

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



66.6560, 73.1491, 82.5575



71.8769, 73.1491, 85.5686



70.1133, 73.1491, 71.3003

Complementary

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



66.6560, 73.1491, 82.5575



64.9421, 65.3015, 68.2167

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.



71.5641, 73.1491, 73.1726



66.6560, 73.1491, 82.5575



72.5926, 73.1491, 81.3359

Square

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



66.6560, 73.1491, 82.5575



70.5350, 73.1491, 88.2764



72.4773, 73.1491, 76.8056



68.5267, 73.1491, 71.5990

Rectangle

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



66.6560, 73.1491, 82.5575



68.4303, 73.1491, 88.1677



72.4773, 73.1491, 76.8056



70.6334, 73.1491, 71.6937

Sweetspot

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



66.6581, 73.1522, 82.5591



92.2911, 98.5778, 108.7697



64.2817, 72.2119, 69.5831



19.6003, 21.0204, 23.2739



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

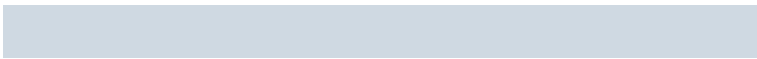
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6581, 73.1522, 82.5591



86.2821, 95.4801, 108.4858



64.2274, 68.2901, 81.7512



14.1165, 15.5723, 17.6488



23.3439, 34.1624, 46.3955



1.6181, 2.3680, 3.2161

Inverse Universe

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



64.9421, 65.3015, 68.2167



83.6113, 83.2611, 86.1629



67.2321, 69.8822, 68.9779



13.7074, 13.7006, 14.2293



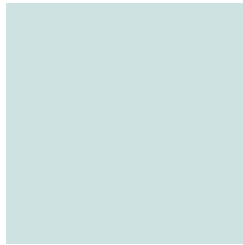
17.8934, 9.2243, 0.8383



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 66.6560, 73.1491, 82.5575 looks on a white background.

Color Contrast Check

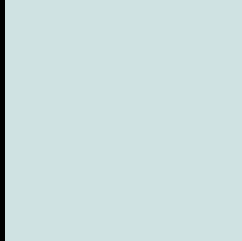
Large Text (above 18pt) WCAG AA × Fail

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 66.6560, 73.1491, 82.5575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

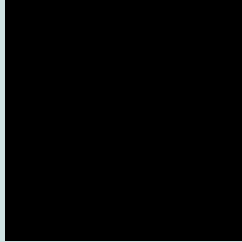
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

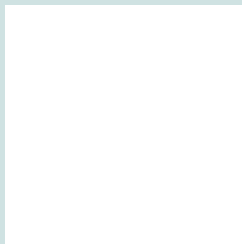
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6560, 73.1491, 82.5575

Background



This preview shows how black text looks on a background with the XYZ color 66.6560, 73.1491, 82.5575.

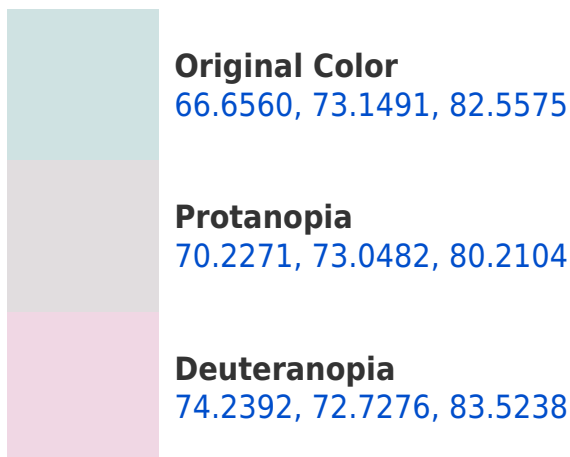


This preview shows how white text looks on a background with the XYZ color 66.6560, 73.1491,

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

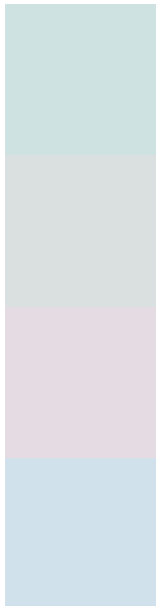




Tritanopia

69.1112, 73.3638, 93.7372

Trichromacy



Original Color

66.6560, 73.1491, 82.5575

Protanomaly

68.7557, 73.0626, 80.9997

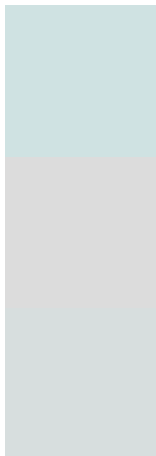
Deuteranomaly

71.1916, 72.7031, 82.9539

Tritanomaly

68.3600, 73.4619, 89.9335

Monochromacy



Original Color

66.6560, 73.1491, 82.5575

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3304, 71.9636, 79.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6560, 73.1491, 82.5575 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(207, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 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(207, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.6560, 73.1491, 82.5575 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(207, 226, 226) }
```


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

```
.border{ border-color:rgb(207, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6560, 73.1491, 82.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 226) }
```

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

```
.background{ background-color: rgb(207,  
226, 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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