

Converting Colors

XYZ(66.6488, 73.9256, 84.1551)

Have a look what the booklet for
XYZ(66.6488, 73.9256, 84.1551)
contains.

XYZ(66.6488, 73.9256, 84.1551)	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(66.6488, 73.9256,
84.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE4E4
RGB	204, 228, 228
RGB Percent	80%, 89%, 89%
CMY	0.2000, 0.1059, 0.1059
CMYK	0.11, 0.00, 0.00, 0.11
HSL	180°, 31%, 85%
HSV	180°, 11%, 89%
XYZ	66.6488, 73.9256, 84.1551
YIQ	220.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

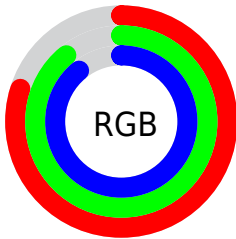
Format	Color
R_{YB}	204, 216, 228
Decimal	13427940
CIE _{Lab}	88.89, -7.89, -2.70
CIE _{LCh}	89, 8.341, 198.905
Yxy	73.9256, 0.2966, 0.3290
Android (android.graphics.Color)	4291618020 (0xFFCCE4E4)
YUV	220.8240, 3.5378, -14.7546
Hunter-Lab	85.9800, -12.0978, 2.1544

Details

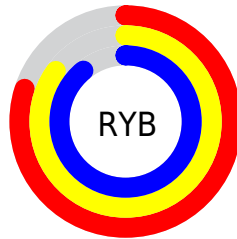
The XYZ color **66.6488, 73.9256, 84.1551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4895, 64.0413, 66.0922**, and the grayscale version is **68.5887, 72.1606, 78.5829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0641, 39.3883, 45.2898** is the 20% darker color. If you saturate the color by 10%, you get **60.8514, 70.9390, 83.8830**, and if you desaturate by 10%, it is **73.3653, 77.3900, 84.4733**.

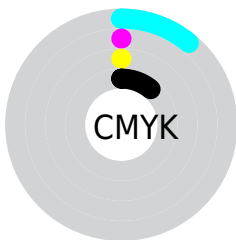
Distribution



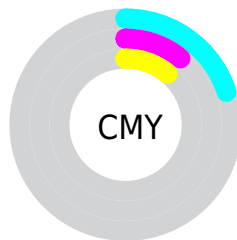
- Red (80%)
- Green (89%)
- Blue (89%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6488, 73.9256, 84.1551 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 66.6488, 73.9256, 84.1551 by changing the saturation by 10% instead.

66.6488, 73.9256,
84.1551

66.6488, 73.9256,
84.1551

438.1458,
474.2166, 528.8996

49.0689, 54.7331,
62.5974

113.4696,
124.7903, 141.0558

34.8889, 39.1881,
45.0767

143.4413,
157.2314, 177.2358

23.7434, 26.9061,
31.1744

178.2742,
194.8575, 219.1270

15.2671, 17.5027,
20.4721

218.3338,
238.0529, 267.1479

9.0946, 10.5936,
12.5512

263.9854,
287.2022, 321.7171

4.8605, 5.7942,
6.9932

315.5943,

2.1996, 2.7204,

342.6896, 383.2531

3.3795

373.5260,
404.8996, 452.1744

■ 0.7425, 0.9876,
1.2915

■ 0.0000, 0.0000,
0.0548

■ 66.6488, 73.9256,
84.1551

■ 66.6488, 73.9256,
84.1551

■ 60.8514, 70.9390,
83.8830

■ 73.3653, 77.3900,
84.4733

■ 55.9272, 68.4005,
83.6502


■ 81.0316, 81.3421,
84.8344


■ 51.8358, 66.2914,
83.4564


■ 82.9899, 82.3516,
84.9284


■ 48.5311, 64.5878,
83.2995


■ 82.9904, 82.3518,
84.9307


 45.9627, 63.2638,
83.1769


 82.9908, 82.3520,
84.9331


 44.0743, 62.2903,
83.0862


 82.9913, 82.3521,
84.9354

 42.8014, 61.6342,
83.0243

 82.9917, 82.3523,
84.9378

 42.0671, 61.2557,
82.9876

 82.9922, 82.3525,
84.9401

 41.7446, 61.0895,
82.9703

 82.9926, 82.3527,
84.9424

Harmonies

Analogous

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



66.5165, 73.9256, 78.3681



66.6488, 73.9256, 84.1551



67.7387, 73.9256, 89.1809

Triad

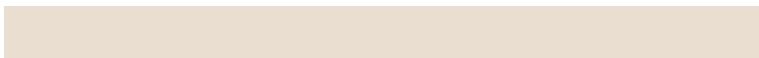
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6488, 73.9256, 84.1551



73.2357, 73.9256, 88.0374



71.0151, 73.9256, 70.0503

Complementary

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



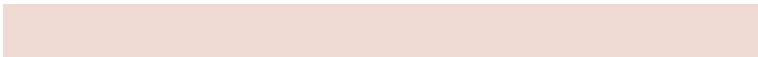
66.6488, 73.9256, 84.1551



64.4895, 64.0413, 66.0922

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.



72.8514, 73.9256, 72.3874



66.6488, 73.9256, 84.1551



74.1498, 73.9256, 82.6548

Square

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



66.6488, 73.9256, 84.1551



71.5316, 73.9256, 91.4955



74.0078, 73.9256, 76.9376



69.0116, 73.9256, 70.4088

Rectangle

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



66.6488, 73.9256, 84.1551



68.8737, 73.9256, 91.3370



74.0078, 73.9256, 76.9376



71.6731, 73.9256, 70.5421

Sweetspot

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



66.6509, 73.9287, 84.1567



92.2912, 98.5778, 108.7700



63.6562, 72.7435, 67.8137



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.



66.6509, 73.9287, 84.1567



83.8875, 94.2456, 108.3737



63.5660, 67.7581, 83.1307



14.8074, 16.3364, 18.5167



24.1037, 35.2736, 47.9080



1.7812, 2.6066, 3.5404

Inverse Universe

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



64.4895, 64.0413, 66.0922



80.4868, 78.6890, 79.9515



67.3502, 69.7632, 67.0438



14.3771, 14.3680, 14.9204



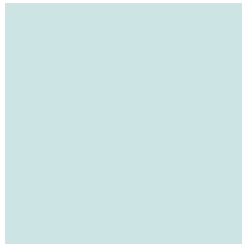
18.4752, 9.5243, 0.8653



1.3653, 0.7038, 0.0641

Previews

White Background



This preview shows how the XYZ color 66.6488, 73.9256, 84.1551 looks on a white background.

Color Contrast Check

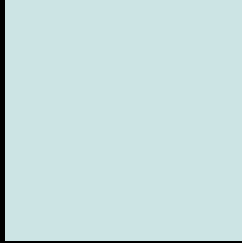
Large Text (above 18pt) WCAG AA × Fail

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 66.6488, 73.9256, 84.1551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

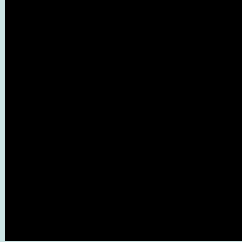
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

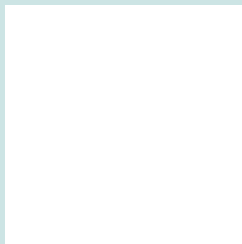
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6488, 73.9256, 84.1551

Background



This preview shows how black text looks on a background with the XYZ color 66.6488, 73.9256, 84.1551.

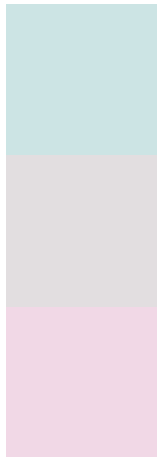


This preview shows how white text looks on a background with the XYZ color 66.6488, 73.9256,

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

66.6488, 73.9256, 84.1551

Protanopia

70.9399, 73.7931, 81.0256

Deuteranopia

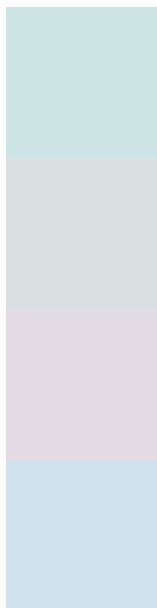
75.1144, 73.5257, 85.0958



Tritanopia

69.2576, 74.1898, 96.2577

Trichromacy



Original Color

66.6488, 73.9256, 84.1551

Protanomaly

69.1597, 73.6530, 81.8055

Deuteranomaly

71.7310, 73.3375, 84.5037

Tritanomaly

68.3553, 74.2330, 91.6146

Monochromacy



Original Color

66.6488, 73.9256, 84.1551

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1345, 73.1402, 81.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6488, 73.9256, 84.1551 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(204, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(204, 228, 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(204, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 66.6488, 73.9256, 84.1551 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(204, 228, 228) }
```


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

```
.border{ border-color:rgb(204, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(204, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(204, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6488, 73.9256, 84.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 228, 228) }
```

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

```
.background{ background-color: rgb(204,  
228, 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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