

Converting Colors

XYZ(65.4742, 73.9485, 86.8792)

Have a look what the booklet for
XYZ(65.4742, 73.9485, 86.8792)
contains.

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Color

**XYZ(65.6273, 74.1556,
87.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E6E8
RGB	196, 230, 232
RGB Percent	77%, 90%, 91%
CMY	0.2314, 0.0980, 0.0902
CMYK	0.16, 0.01, 0.00, 0.09
HSL	183°, 44%, 84%
HSV	183°, 16%, 91%
XYZ	65.6273, 74.1556, 87.1985
YIQ	220.0620, -20.9060, -6.5860

Conversions

Conversions Part 2

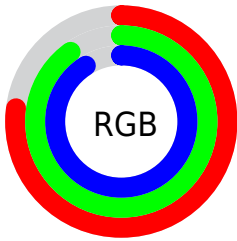
Format	Color
R_{YB}	196, 213, 232
Decimal	12904168
CIE _{Lab}	89.00, -10.64, -4.70
CIE _{LCh}	89, 11.633, 203.838
Yxy	74.1556, 0.2891, 0.3267
Android (android.graphics.Color)	4291094248 (0xFFC4E6E8)
YUV	220.0620, 5.8854, -21.1024
Hunter-Lab	86.1136, -14.6638, 0.2426

Details

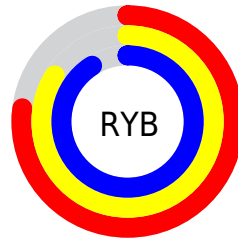
The XYZ color **65.6273, 74.1556, 87.1985** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4372, 61.5295, 60.7589**, and the grayscale version is **68.0432, 71.5868, 77.9580**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **34.1279, 39.1575, 46.8337** is the 20% darker color. If you saturate the color by 10%, you get **59.6969, 70.5706, 86.8203**, and if you desaturate by 10%, it is **72.4978, 78.2330, 87.6246**.

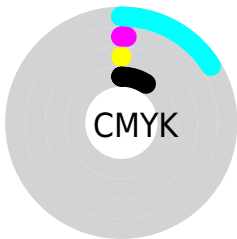
Distribution



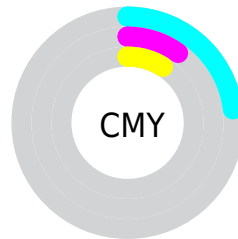
- Red (77%)
- Green (90%)
- Blue (91%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6273, 74.1556, 87.1985 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 65.6273, 74.1556, 87.1985 by changing the saturation by 10% instead.

65.6273, 74.1556,
87.1985

65.6273, 74.1556,
87.1985

434.5525,
475.0102, 539.2081

48.2365, 54.9214,
65.0989

112.0119,
125.1164, 145.3421

34.2262, 39.3388,
47.0894

141.7365,
157.6117, 182.2232

23.2312, 27.0234,
32.7515

176.3030,
195.2962, 224.8685

14.8859, 17.5908,
21.6666

216.0768,
238.5543, 273.6967

8.8252, 10.6566,
13.4162

261.4233,
287.7704, 329.1262

4.6835, 5.8364,
7.5817

312.7079,

2.0956, 2.7459,

343.3288, 391.5755

3.7445

370.2958,
405.6139, 461.4633

0.6868, 1.0005,
1.4863

0.0000, 0.0000,
0.2077

65.6273, 74.1556,
87.1985

65.6273, 74.1556,
87.1985

59.6969, 70.5706,
86.8203

72.4978, 78.2330,
87.6246

54.6574, 67.4469,
86.4829

80.3418, 82.8144,
88.0955


50.4649, 64.7636,
86.1860


85.1903, 85.8554,
88.4269


47.0690, 62.4951,
85.9271


85.5577, 86.5902,
88.5494


 44.4144, 60.6125,
85.7036


 85.9278, 87.3305,
88.6727


 42.4384, 59.0836,
85.5127


 86.3006, 88.0760,
88.7970


 41.0679, 57.8707,
85.3508

 86.6760, 88.8269,
88.9221

 40.2130, 56.9275,
85.2138

 87.0542, 89.5832,
89.0482

 39.9319, 56.5586,
85.1574

 87.4350, 90.3449,
89.1751

Harmonies

Analogous

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



65.2160, 74.1556, 79.0836



65.6273, 74.1556, 87.1985



67.3241, 74.1556, 93.9729

Triad

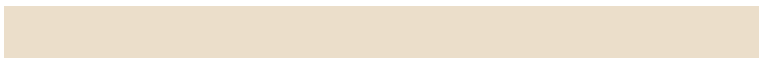
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6273, 74.1556, 87.1985



74.9623, 74.1556, 90.2801



71.0677, 74.1556, 66.2350

Complementary

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



65.6273, 74.1556, 87.1985



63.4372, 61.5295, 60.7589

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.



73.7386, 74.1556, 68.8167



65.6273, 74.1556, 87.1985



76.0255, 74.1556, 82.4251

Square

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



65.6273, 74.1556, 87.1985



72.7022, 74.1556, 95.8336



75.5718, 74.1556, 74.6139



68.3088, 74.1556, 67.3258

Rectangle

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



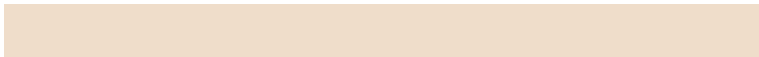
65.6273, 74.1556, 87.1985



68.9806, 74.1556, 96.6348



75.5718, 74.1556, 74.6139



72.0064, 74.1556, 66.6963

Sweetspot

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



65.6294, 74.1587, 87.2002



90.2886, 97.2111, 108.6126



61.7929, 73.5183, 64.2403



19.1875, 20.7260, 23.2392



0.0000, 0.0000, 0.0000



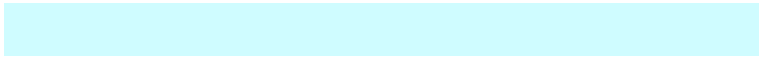
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6294, 74.1587, 87.2002



78.5652, 90.2379, 107.8846



60.9253, 64.7504, 85.6321



14.7354, 16.1922, 18.4931



22.1996, 31.4613, 47.2858



1.6615, 2.3669, 3.5013

Inverse Universe

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



67.3033, 62.3505, 83.3540



81.0642, 72.7160, 102.1184



67.7485, 70.1520, 62.1960



14.9588, 14.6007, 17.9833



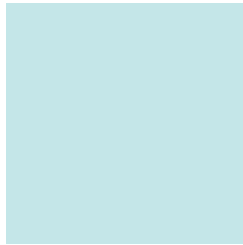
25.5989, 12.3738, 38.3781



1.9023, 0.9186, 2.8919

Previews

White Background



This preview shows how the XYZ color 65.6273, 74.1556, 87.1985 looks on a white background.

Color Contrast Check

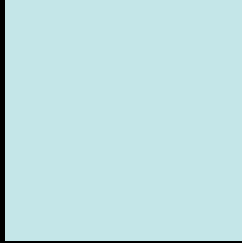
Large Text (above 18pt) WCAG AA × Fail

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 65.6273, 74.1556, 87.1985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

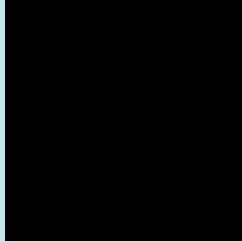
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6273, 74.1556, 87.1985

Background



This preview shows how black text looks on a background with the XYZ color 65.6273, 74.1556, 87.1985.

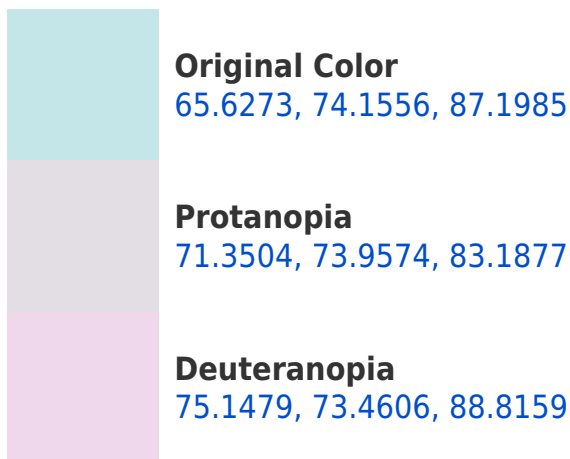


This preview shows how white text looks on a background with the XYZ color 65.6273, 74.1556,

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

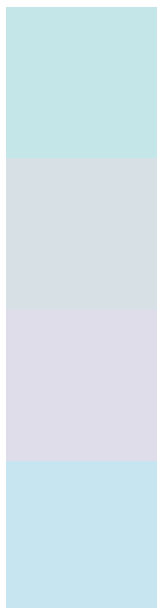




Tritanopia

67.9311, 74.2827, 97.9464

Trichromacy



Original Color

65.6273, 74.1556, 87.1985

Protanomaly

69.0924, 73.9546, 84.7619

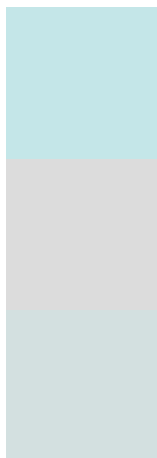
Deuteranomaly

71.1392, 73.3414, 88.2488

Tritanomaly

67.1852, 74.3953, 94.0378

Monochromacy



Original Color

65.6273, 74.1556, 87.1985

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9742, 72.5420, 80.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6273, 74.1556, 87.1985 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(196, 230, 232)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 232)  
}
```

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(196, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.6273, 74.1556, 87.1985 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(196, 230, 232) }
```


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

```
.border{ border-color:rgb(196, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6273, 74.1556, 87.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 232) }
```

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

```
.background{ background-color: rgb(196,  
230, 232) }
```

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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