

Converting Colors

XYZ(65.7397, 72.6062, 87.3457)

Have a look what the booklet for
XYZ(65.7397, 72.6062, 87.3457)
contains.

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Color

**XYZ(65.7238, 72.5553,
87.6313)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E2E9
RGB	200, 226, 233
RGB Percent	78%, 89%, 91%
CMY	0.2157, 0.1137, 0.0863
CMYK	0.14, 0.03, 0.00, 0.09
HSL	193°, 43%, 85%
HSV	193°, 14%, 91%
XYZ	65.7238, 72.5553, 87.6313
YIQ	219.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

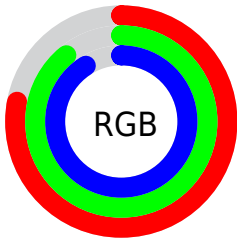
Format	Color
R _Y B	200, 215, 233
Decimal	13165289
CIE Lab	88.24, -7.14, -6.32
CIE LCh	88, 9.539, 221.495
Yxy	72.5553, 0.2909, 0.3212
Android (android.graphics.Color)	4291355369 (0xFFC8E2E9)
YUV	219.0240, 6.8902, -16.6840
Hunter-Lab	85.1794, -11.3347, -1.3711

Details

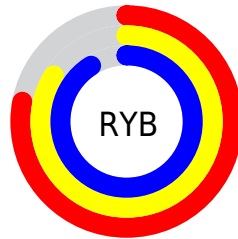
The XYZ color **65.7238, 72.5553, 87.6313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3429, 66.1193, 63.9107**, and the grayscale version is **67.3129, 70.8184, 77.1213**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3528, 38.4111, 47.1985** is the 20% darker color. If you saturate the color by 10%, you get **58.6454, 66.9425, 86.9221**, and if you desaturate by 10%, it is **73.7934, 78.7404, 88.4010**.

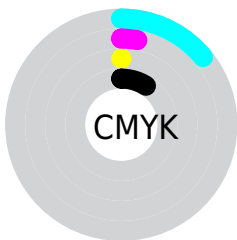
Distribution



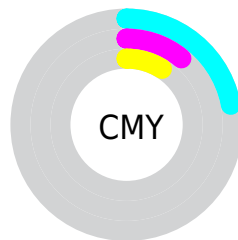
- Red (78%)
- Green (89%)
- Blue (91%)



- Red (78%)
- Yellow (84%)
- Blue (91%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7238, 72.5553, 87.6313 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 65.7238, 72.5553, 87.6313 by changing the saturation by 10% instead.

■ 65.7238, 72.5553,
87.6313

■ 65.7238, 72.5553,
87.6313

434.8927,
469.4721, 540.6650

■ 48.3151, 53.6124,
65.4552

112.1497,
122.8457, 145.9504

■ 34.2888, 38.2919,
47.3766

141.8977,
154.9620, 182.9304

■ 23.2795, 26.2093,
32.9770

176.4895,
192.2382, 225.6821

■ 14.9218, 16.9803,
21.8378

216.2904,
235.0588, 274.6240

■ 8.8505, 10.2204,
13.5406

261.6658,
283.8080, 330.1748

■ 4.7001, 5.5454,
7.6668

312.9811,

■ 2.1053, 2.5707,

338.8704, 392.7528

3.7978

370.6016,
400.6303, 462.7767

■ 0.6921, 0.9119,
1.5151

■ 0.0000, 0.0000,
0.2291

■ 65.7238, 72.5553,
87.6313

■ 65.7238, 72.5553,
87.6313

■ 58.6454, 66.9425,
86.9221

■ 73.7934, 78.7404,
88.4010

■ 52.5088, 61.8703,
86.2665

■ 82.8884, 85.5101,
89.2283

■ 47.2698, 57.3173,
85.6639

■ 87.3518, 89.9506,
89.8502

■ 42.8779, 53.2570,
85.1116

■ 88.8327, 92.9123,
90.3438

■ 39.2774, 49.6603,
84.6071

■ 90.3535, 95.9540,
90.8507

■ 36.4059, 46.4943,
84.1474

■ 91.7082, 98.6633,
91.3023

■ 34.1909, 43.7213,
83.7289

■ 32.5441, 41.2953,
83.3474

■ 31.7656, 39.9981,
83.1381

Harmonies

Analogous

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



64.7464, 72.5553, 81.5338



65.7238, 72.5553, 87.6313



67.5770, 72.5553, 91.5396

Triad

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



65.7238, 72.5553, 87.6313



73.2112, 72.5553, 83.0605



68.0900, 72.5553, 67.3036

Complementary

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



65.7238, 72.5553, 87.6313



66.3429, 66.1193, 63.9107

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.



70.3651, 72.5553, 67.6619



65.7238, 72.5553, 87.6313



73.3560, 72.5553, 76.5200

Square

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



65.7238, 72.5553, 87.6313



71.9129, 72.5553, 88.8019



72.3041, 72.5553, 70.9556



66.0923, 72.5553, 69.9480

Rectangle

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



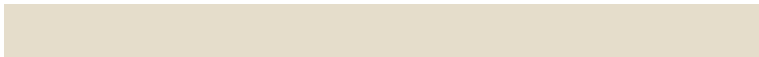
65.7238, 72.5553, 87.6313



69.0763, 72.5553, 92.2543



72.3041, 72.5553, 70.9556



68.8471, 72.5553, 67.0809

Sweetspot

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



65.7259, 72.5583, 87.6329



90.7104, 96.7444, 108.5003



64.1733, 75.0439, 69.8794



19.2460, 20.5790, 23.2077



0.0000, 0.0000, 0.0000



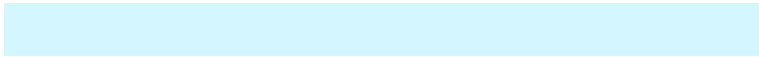
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7259, 72.5583, 87.6329



77.9982, 86.9603, 107.2818



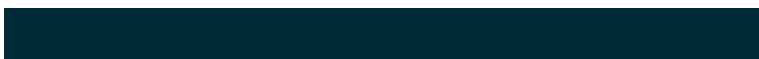
61.5507, 64.2078, 86.2412



15.2309, 16.5482, 19.3136



18.1176, 22.8821, 47.2048



1.4903, 1.9320, 3.7292

Inverse Universe

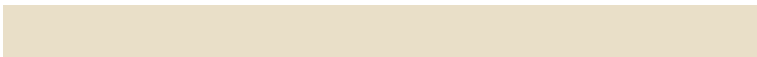
The Inverse Universe completely reimagines the original color for something new.



67.9877, 64.1248, 80.7490



81.3013, 74.8142, 97.1905



70.4452, 74.3239, 65.2781



15.5701, 15.2559, 18.2873



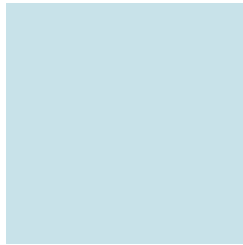
24.0002, 11.8028, 26.8662



1.9187, 0.9405, 2.2893

Previews

White Background



This preview shows how the XYZ color 65.7238, 72.5553, 87.6313 looks on a white background.

Color Contrast Check

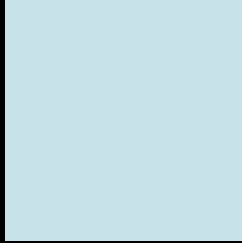
Large Text (above 18pt) WCAG AA × Fail

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 65.7238, 72.5553, 87.6313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

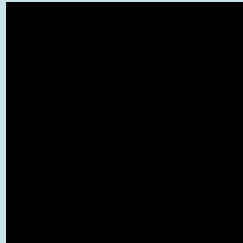
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7238, 72.5553, 87.6313

Background



This preview shows how black text looks on a background with the XYZ color 65.7238, 72.5553, 87.6313.

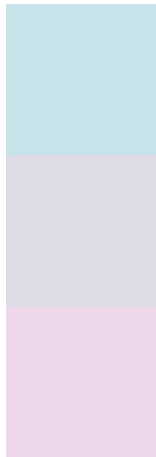


This preview shows how white text looks on a background with the XYZ color 65.7238, 72.5553,

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

65.7238, 72.5553, 87.6313

Protanopia

69.8603, 72.3731, 84.4161

Deuteranopia

73.8879, 72.4319, 88.6837



Tritanopia

67.3093, 72.8178, 94.5121

Trichromacy



Original Color

65.7238, 72.5553, 87.6313

Protanomaly

68.1358, 72.2519, 85.2178

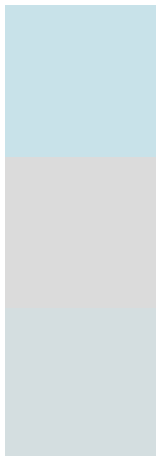
Deuteranomaly

70.6142, 72.2915, 88.0738

Tritanomaly

66.5926, 72.4999, 92.1454

Monochromacy



Original Color

65.7238, 72.5553, 87.6313

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7272, 71.6214, 80.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7238, 72.5553, 87.6313 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(200, 226, 233) looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 233)  
}
```

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(200, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 233) }
```

Border

The CSS property to change the border of an element to XYZ 65.7238, 72.5553, 87.6313 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(200, 226, 233) }
```


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

```
.border{ border-color:rgb(200, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7238, 72.5553, 87.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 233) }
```

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

```
.background{ background-color: rgb(200,  
226, 233) }
```

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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