

Converting Colors

XYZ(72.9011, 82.4443, 95.2927)

Have a look what the booklet for
XYZ(72.9011, 82.4443, 95.2927)
contains.

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Color

**XYZ(72.7861, 82.3833,
95.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF1F1
RGB	206, 241, 241
RGB Percent	81%, 95%, 95%
CMY	0.1921, 0.0549, 0.0549
CMYK	0.15, 0.00, 0.00, 0.05
HSL	180°, 56%, 88%
HSV	180°, 15%, 95%
XYZ	72.7861, 82.3833, 95.2844
YIQ	230.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

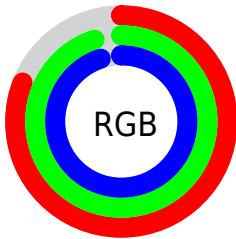
Format	Color
R _Y B	206, 224, 241
Decimal	13562353
CIE Lab	92.74, -11.28, -3.81
CIE LCh	93, 11.904, 198.676
Yxy	82.3833, 0.2906, 0.3289
Android (android.graphics.Color)	4291752433 (0xFFCE1F1)
YUV	230.5350, 5.1592, -21.5172
Hunter-Lab	90.7652, -15.6972, 1.2937

Details

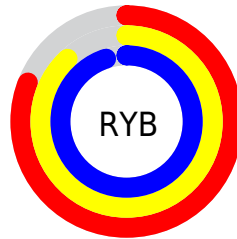
The XYZ color **72.7861, 82.3833, 95.2844** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4905, 67.3019, 67.7242**, and the grayscale version is **75.5861, 79.5225, 86.6000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8684, 44.7800, 52.4938** is the 20% darker color. If you saturate the color by 10%, you get **66.6021, 79.1976, 94.9949**, and if you desaturate by 10%, it is **80.0007, 86.1047, 95.6256**.

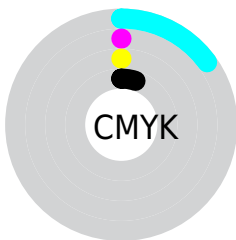
Distribution



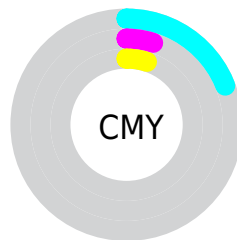
- Red (81%)
- Green (95%)
- Blue (95%)



- Red (81%)
- Yellow (88%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7861, 82.3833, 95.2844 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 72.7861, 82.3833, 95.2844 by changing the saturation by 10% instead.

72.7861, 82.3833,
95.2844

72.7861, 82.3833,
95.2844

459.3884,
502.9289, 566.0826

54.0888, 61.6815,
71.7735

122.1783,
136.7114, 156.6564

38.9036, 44.7754,
52.4880

153.6039,
171.1065, 195.3546

26.8652, 31.2806,
37.0093

190.0030,
210.8348, 239.9523

17.6080, 20.8126,
24.9188

231.7410,
256.2808, 290.8681

10.7669, 12.9871,
15.7981

279.1831,
307.8288, 348.5205

5.9765, 7.4196,
9.2286

332.6949,

2.8713, 3.7259,

365.8632, 413.3280

4.7917

392.6415,
430.7685, 485.7092

■ 1.0861, 1.5214,
2.0690

■ 0.0134, 0.3038,
0.5972

■ 72.7861, 82.3833,
95.2844

■ 72.7861, 82.3833,
95.2844

■ 66.6021, 79.1976,
94.9949

■ 80.0007, 86.1047,
95.6256

■ 61.3950, 76.5133,
94.7494

■ 88.2825, 90.3741,
96.0150

■ 57.1171, 74.3079,
94.5473

■ 88.5753, 90.5250,
96.0306

■ 53.7136, 72.5534,
94.3862

■ 88.5756, 90.5251,
96.0324

■ 51.1243, 71.2186,
94.2632

■ 88.5760, 90.5253,
96.0343

■ 49.2813, 70.2685,
94.1751

■ 88.5763, 90.5254,
96.0362

■ 48.1055, 69.6624,
94.1182

■ 88.5767, 90.5256,
96.0380

■ 47.5003, 69.3505,
94.0880

■ 88.5771, 90.5257,
96.0399

■ 47.3312, 69.2634,
94.0791

■ 88.5774, 90.5258,
96.0417

Harmonies

Analogous

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



72.5977, 82.3833, 86.3882



72.7861, 82.3833, 95.2844



74.4292, 82.3833, 103.1539

Triad

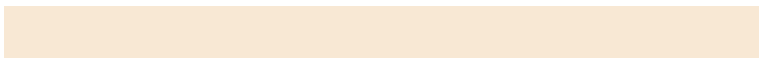
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7861, 82.3833, 95.2844



82.8690, 82.3833, 101.4629



79.4801, 82.3833, 73.9698

Complementary

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



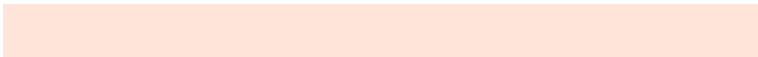
72.7861, 82.3833, 95.2844



69.4905, 67.3019, 67.7242

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.



82.3086, 82.3833, 77.4725



72.7861, 82.3833, 95.2844



84.2993, 82.3833, 93.0983

Square

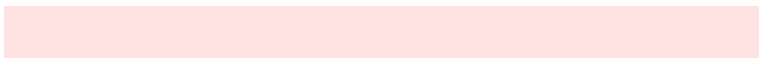
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7861, 82.3833, 95.2844



80.2288, 82.3833, 106.8803



84.0916, 82.3833, 84.3409



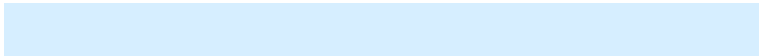
76.4080, 82.3833, 74.4696

Rectangle

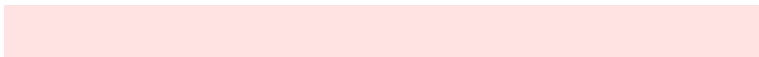
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



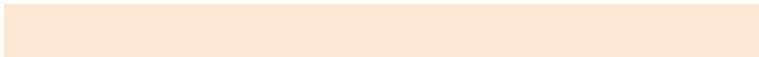
72.7861, 82.3833, 95.2844



76.1534, 82.3833, 106.5771



84.0916, 82.3833, 84.3409



80.4924, 82.3833, 74.7084

Sweetspot

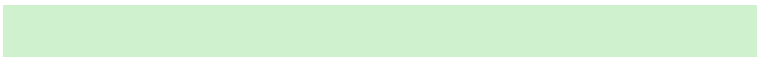
The Sweet Spot groups the original color and five complimentary colors.



72.7885, 82.3867, 95.2862



91.3963, 98.1165, 108.7282



68.2142, 80.5757, 70.3514



19.4202, 20.9276, 23.2656



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.



72.7885, 82.3867, 95.2862



80.8599, 92.6848, 108.2323



68.0113, 72.8315, 93.6964



16.2474, 17.9290, 20.3255



25.6655, 37.5582, 51.0148



2.1351, 3.1245, 4.2441

Inverse Universe

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



69.4905, 67.3019, 67.7242



76.5362, 72.9082, 72.0977



73.7846, 75.8908, 69.1535



15.7729, 15.7589, 16.3605



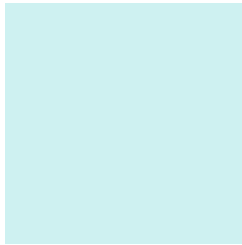
19.6716, 10.1411, 0.9211



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 72.7861, 82.3833, 95.2844 looks on a white background.

Color Contrast Check

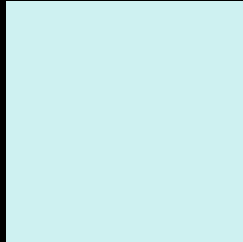
Large Text (above 18pt) WCAG AA × Fail

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 72.7861, 82.3833, 95.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

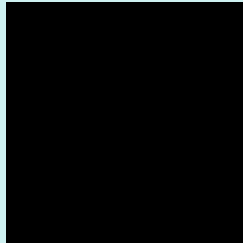
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7861, 82.3833, 95.2844

Background



This preview shows how black text looks on a background with the XYZ color 72.7861, 82.3833, 95.2844.



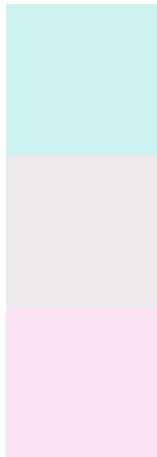
This preview shows how white text looks on a background with the XYZ color 72.7861, 82.3833,

95.2844.

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

72.7861, 82.3833, 95.2844

Protanopia

79.2043, 82.3385, 91.0753

Deuteranopia

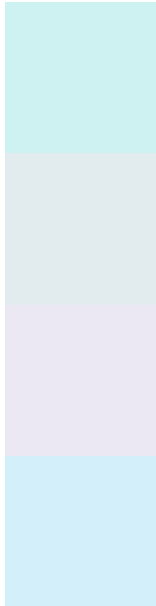
83.9431, 82.1653, 97.0232



Tritanopia

75.7759, 82.3661, 106.5122

Trichromacy



Original Color

72.7861, 82.3833, 95.2844

Protanomaly

76.7921, 82.3327, 92.7333

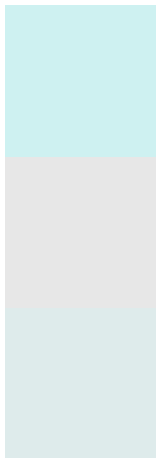
Deuteranomaly

79.2952, 81.8465, 96.4127

Tritanomaly

74.7002, 82.3368, 102.3979

Monochromacy



Original Color

72.7861, 82.3833, 95.2844

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.8279, 80.9444, 90.2772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7861, 82.3833, 95.2844 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(206, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 241, 241)  
}
```

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(206, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.7861, 82.3833, 95.2844 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(206, 241, 241) }
```


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

```
.border{ border-color:rgb(206, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7861, 82.3833, 95.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 241, 241) }
```

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

```
.background{ background-color: rgb(206,  
241, 241) }
```

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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