

Converting Colors

XYZ(72.6732, 82.9397, 91.2003)

Have a look what the booklet for
XYZ(72.6732, 82.9397, 91.2003)
contains.

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Color

**XYZ(72.6246, 82.8258,
91.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF2EC
RGB	207, 242, 236
RGB Percent	81%, 95%, 93%
CMY	0.1882, 0.0510, 0.0745
CMYK	0.14, 0.00, 0.02, 0.05
HSL	170°, 57%, 88%
HSV	170°, 14%, 95%
XYZ	72.6246, 82.8258, 91.5161
YIQ	230.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

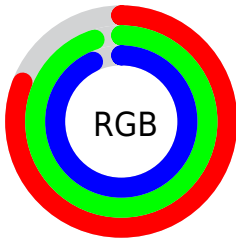
Format	Color
R _Y B	207, 226, 242
Decimal	13628140
CIE Lab	92.94, -12.45, -0.92
CIE LCh	93, 12.487, 184.229
Yxy	82.8258, 0.2941, 0.3354
Android (android.graphics.Color)	4291818220 (0xFFCFF2EC)
YUV	230.8510, 2.5385, -20.9173
Hunter-Lab	91.0087, -16.8228, 4.0855

Details

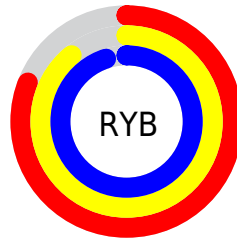
The XYZ color **72.6246, 82.8258, 91.5161** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9440, 68.3093, 72.4004**, and the grayscale version is **75.8386, 79.7881, 86.8893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7460, 45.0885, 49.8408** is the 20% darker color. If you saturate the color by 10%, you get **65.7793, 79.3680, 88.0856**, and if you desaturate by 10%, it is **80.5250, 86.8303, 95.0726**.

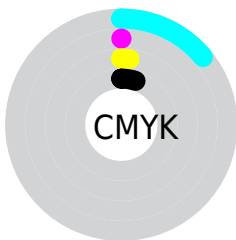
Distribution



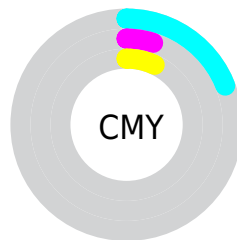
- Red (81%)
- Green (95%)
- Blue (93%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6246, 82.8258, 91.5161 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 72.6246, 82.8258, 91.5161 by changing the saturation by 10% instead.

72.6246, 82.8258,
91.5161

72.6246, 82.8258,
91.5161

458.8367,
504.4058, 553.6473

53.9563, 62.0465,
68.6580

121.9501,
137.3315, 151.3964

38.7973, 45.0702,
49.9632

153.3381,
171.8265, 189.2557

26.7821, 31.5128,
35.0132

189.6968,
211.6624, 232.9525

17.5454, 20.9896,
23.3894

231.3914,
257.2233, 282.9052

10.7218, 13.1164,
14.6733

278.7873,
308.8937, 339.5326

5.9460, 7.5088,
8.4464

332.2499,

2.8526, 3.7823,

367.0579, 403.2530

4.2900

392.1446,
432.1005, 474.4850

■ 1.0763, 1.5525,
1.7858

■ 0.0052, 0.3253,
0.4185

■ 72.6246, 82.8258,
91.5161

■ 72.6246, 82.8258,
91.5161

■ 65.7793, 79.3680,
88.0856

■ 80.5250, 86.8303,
95.0726

■ 59.9348, 76.4223,
84.7729

■ 89.3689, 91.3174,
98.7452

■ 55.0427, 73.9660,
81.5770

■ 90.0074, 91.5728,
102.1079

■ 51.0478, 71.9707,
78.4947

■ 90.6603, 91.8340,
105.5459

■ 47.8890, 70.4048,
75.5228

■ 91.0437, 91.9873,
107.5646

■ 45.4978, 69.2330,
72.6574

■ 43.7942, 68.4142,
69.8944

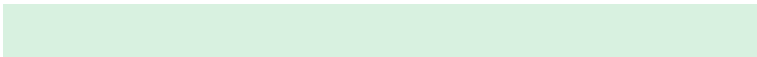
■ 42.6808, 67.8980,
67.2287

■ 42.2373, 67.7008,
65.7907

Harmonies

Analogous

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



73.2019, 82.8258, 82.5867



72.6246, 82.8258, 91.5161



73.6440, 82.8258, 100.6841

Triad

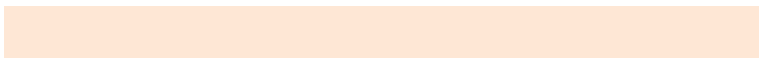
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6246, 82.8258, 91.5161



82.3094, 82.8258, 105.8874



81.4858, 82.8258, 74.9356

Complementary

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



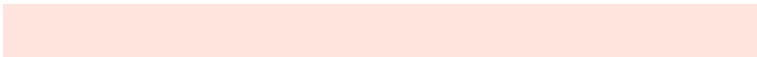
72.6246, 82.8258, 91.5161



70.9440, 68.3093, 72.4004

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.



84.0312, 82.8258, 80.4391



72.6246, 82.8258, 91.5161



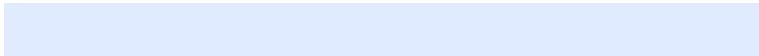
84.5159, 82.8258, 98.2319

Square

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



72.6246, 82.8258, 91.5161



79.1875, 82.8258, 109.3370



85.1545, 82.8258, 88.8633



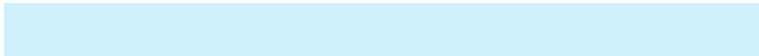
78.2612, 82.8258, 73.4081

Rectangle

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



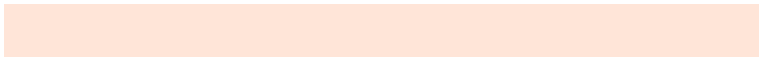
72.6246, 82.8258, 91.5161



75.1089, 82.8258, 105.5786



85.1545, 82.8258, 88.8633



82.4521, 82.8258, 76.3623

Sweetspot

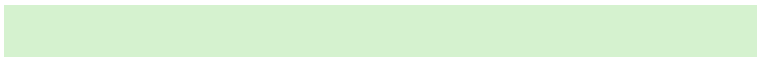
The Sweet Spot groups the original color and five complimentary colors.



72.6270, 82.8293, 91.5179



91.1160, 98.0044, 107.2523



70.5788, 82.2214, 71.1833



19.3490, 20.8991, 22.8906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

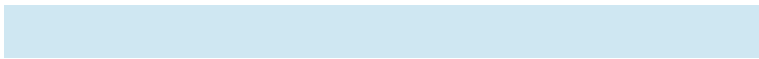
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6270, 82.8293, 91.5179



79.6864, 92.2154, 102.0529



70.3143, 76.7844, 95.1233



16.1242, 17.8797, 19.6768



22.7340, 36.3856, 35.5780



1.9216, 3.0391, 3.1198

Inverse Universe

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



70.9440, 68.3093, 72.4004



77.4935, 73.2911, 77.1388



72.9763, 73.5709, 69.3872



15.8834, 15.8031, 16.9423



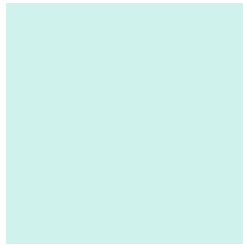
19.9253, 10.2425, 2.2573



1.6892, 0.8647, 0.3542

Previews

White Background



This preview shows how the XYZ color 72.6246, 82.8258, 91.5161 looks on a white background.

Color Contrast Check

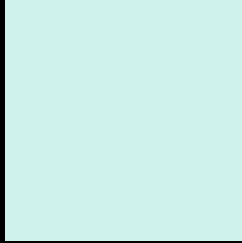
Large Text (above 18pt) WCAG AA × Fail

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 72.6246, 82.8258, 91.5161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

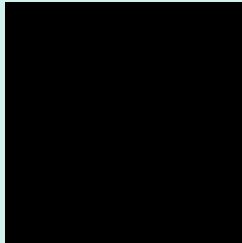
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

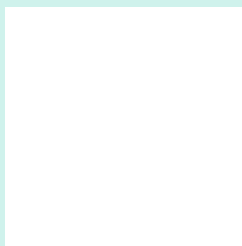
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6246, 82.8258, 91.5161

Background



This preview shows how black text looks on a background with the XYZ color 72.6246, 82.8258, 91.5161.



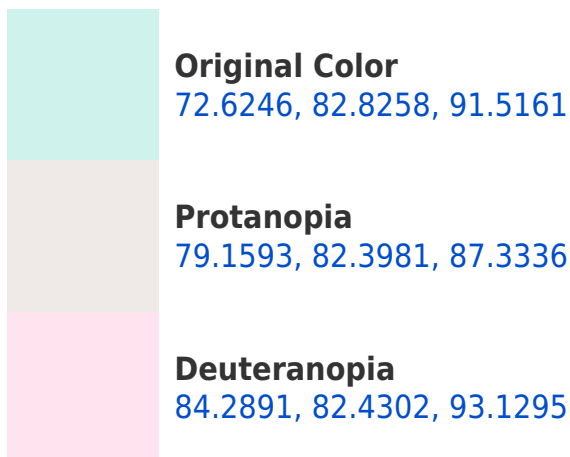
This preview shows how white text looks on a background with the XYZ color 72.6246, 82.8258,

91.5161.

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

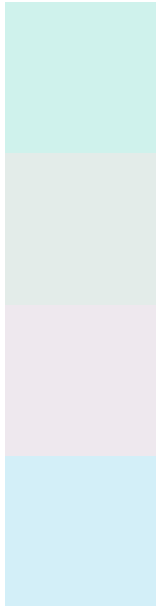




Tritanopia

76.3561, 82.6652, 106.5393

Trichromacy



Original Color

72.6246, 82.8258, 91.5161

Protanomaly

76.3820, 82.2050, 88.9322

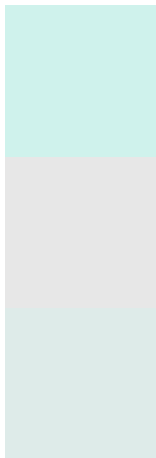
Deuteranomaly

79.5491, 82.0634, 92.5361

Tritanomaly

74.6737, 82.3592, 100.7681

Monochromacy



Original Color

72.6246, 82.8258, 91.5161

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.5405, 80.8294, 88.7637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6246, 82.8258, 91.5161 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, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 242, 236)  
}
```

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, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.6246, 82.8258, 91.5161 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, 242, 236) }
```


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

```
.border{ border-color:rgb(207, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(207, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6246, 82.8258, 91.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 242, 236) }
```

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

```
.background{ background-color: rgb(207,  
242, 236) }
```

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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