

Converting Colors

XYZ(63.4484, 72.3393, 81.1432)

Have a look what the booklet for
XYZ(63.4484, 72.3393, 81.1432)
contains.

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Color

**XYZ(63.4461, 72.3380,
81.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E4E0
RGB	194, 228, 224
RGB Percent	76%, 89%, 88%
CMY	0.2392, 0.1059, 0.1216
CMYK	0.15, 0.00, 0.02, 0.11
HSL	173°, 39%, 83%
HSV	173°, 15%, 89%
XYZ	63.4461, 72.3380, 81.1397
YIQ	217.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

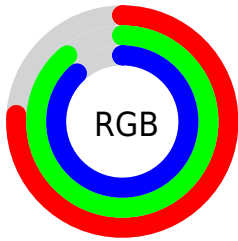
Format	Color
RYB	194, 212, 228
Decimal	12772576
CIELab	88.13, -11.86, -1.79
CIELCh	88, 11.997, 188.568
Yxy	72.3380, 0.2925, 0.3335
Android (android.graphics.Color)	4290962656 (0xFFC2E4E0)
YUV	217.3780, 3.2646, -20.5025
Hunter-Lab	85.0517, -15.6848, 2.9733

Details

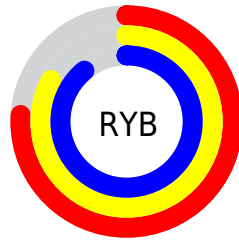
The XYZ color **63.4461, 72.3380, 81.1397** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4823, 59.1567, 61.6072**, and the grayscale version is **66.2020, 69.6496, 75.8484**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.9202, 38.3272, 43.1989** is the 20% darker color. If you saturate the color by 10%, you get **57.6767, 69.4075, 78.9856**, and if you desaturate by 10%, it is **70.1232, 75.7397, 83.3694**.

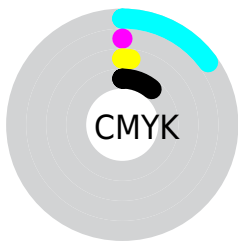
Distribution



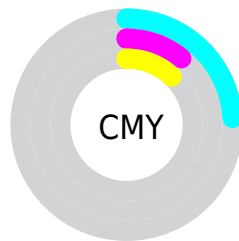
- Red (76%)
- Green (89%)
- Blue (88%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4461, 72.3380, 81.1397 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 63.4461, 72.3380, 81.1397 by changing the saturation by 10% instead.

63.4461, 72.3380,
81.1397

63.4461, 72.3380,
81.1397

426.8206,
468.7172, 518.5732

46.4622, 53.4348,
60.1250

108.8910,
122.5370, 136.7927

32.8169, 38.1500,
43.0934

138.0828,
154.6015, 172.2682

22.1448, 26.0991,
29.6265

172.0745,
191.8220, 213.4009

14.0805, 16.8978,
19.3056

211.2316,
234.5828, 260.6095

8.2588, 10.1617,
11.7123

255.9194,
283.2684, 314.3124

4.3142, 5.5063,
6.4279

306.5033,

1.8814, 2.5473,

338.2630, 374.9284

3.0340

363.3486,
399.9512, 442.8757

■ 0.5660, 0.9002,
1.1120

■ 0.0000, 0.0000,
0.0000

■ 63.4461, 72.3380,
81.1397

■ 63.4461, 72.3380,
81.1397

■ 57.6767, 69.4075,
78.9856

■ 70.1232, 75.7397,
83.3694

■ 52.7681, 66.9180,
76.9000


■ 77.7399, 79.6232,
85.6717


■ 48.6782, 64.8500,
74.8826

■ 83.5580, 82.5788,
87.9200


■ 45.3592, 63.1788,
72.9308


■ 83.9425, 82.7326,
89.9445


 42.7582, 61.8771,
71.0421


 84.3328, 82.8887,
91.9998


 40.8158, 60.9141,
69.2135


 84.7290, 83.0472,
94.0861


 39.4626, 60.2544,
67.4417

 85.1310, 83.2080,
96.2034

 38.6140, 59.8541,
65.7225

 85.5391, 83.3712,
98.3520

 38.3064, 59.7141,
64.8649

 85.9530, 83.5368,
100.5319

Harmonies

Analogous

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



63.7496, 72.3380, 73.1340



63.4461, 72.3380, 81.1397



64.5338, 72.3380, 89.0237

Triad

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



63.4461, 72.3380, 81.1397



72.2500, 72.3380, 91.7656



70.7894, 72.3380, 64.9611

Complementary

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



63.4461, 72.3380, 81.1397



61.4823, 59.1567, 61.6072

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.



73.1565, 72.3380, 69.3241



63.4461, 72.3380, 81.1397



74.0160, 72.3380, 84.6754

Square

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



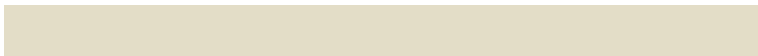
63.4461, 72.3380, 81.1397



69.5798, 72.3380, 95.4318



74.3523, 72.3380, 76.4347



67.9370, 72.3380, 64.1591

Rectangle

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



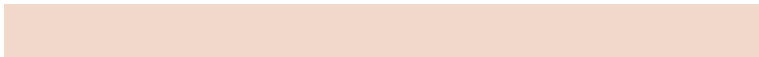
63.4461, 72.3380, 81.1397



65.9198, 72.3380, 93.0194



74.3523, 72.3380, 76.4347



71.6705, 72.3380, 66.0445

Sweetspot

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



63.4482, 72.3410, 81.1413



91.2037, 98.0394, 107.7139



60.9128, 71.4633, 61.6235



19.3713, 20.9080, 23.0078



0.0000, 0.0000, 0.0000



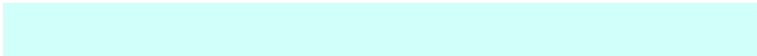
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4482, 72.3410, 81.1413



79.2748, 91.9667, 103.6839



60.6904, 65.9462, 82.9325



14.7305, 16.3056, 18.1117



22.1473, 34.4910, 37.6058



1.6574, 2.5571, 2.8884

Inverse Universe

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



61.4823, 59.1567, 61.6072



76.2671, 71.7908, 73.7936



63.9189, 64.7590, 60.1710



14.4457, 14.3955, 15.2813



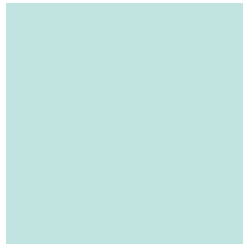
18.6105, 9.5784, 1.5781



1.3981, 0.7170, 0.2371

Previews

White Background



This preview shows how the XYZ color 63.4461, 72.3380, 81.1397 looks on a white background.

Color Contrast Check

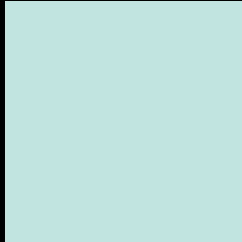
Large Text (above 18pt) WCAG AA × Fail

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 63.4461, 72.3380, 81.1397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

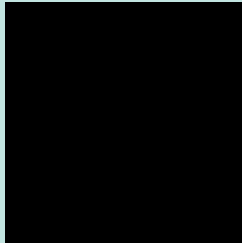
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

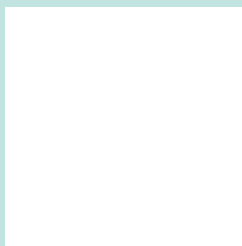
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4461, 72.3380, 81.1397

Background



This preview shows how black text looks on a background with the XYZ color 63.4461, 72.3380, 81.1397.

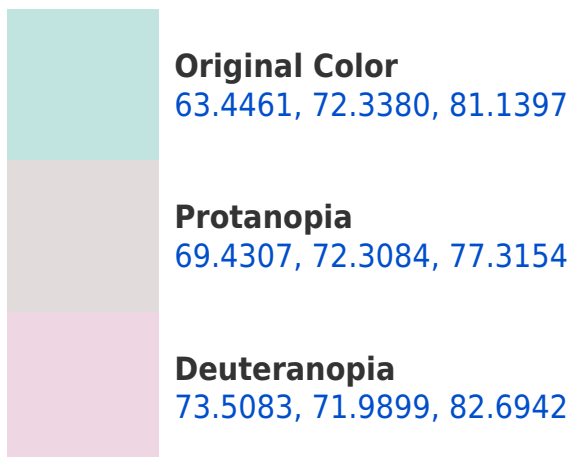


This preview shows how white text looks on a background with the XYZ color 63.4461, 72.3380,

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

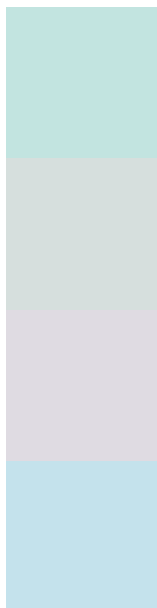




Tritanopia

66.1288, 72.1918, 95.2431

Trichromacy



Original Color

63.4461, 72.3380, 81.1397

Protanomaly

67.1704, 72.2920, 78.8201

Deuteranomaly

69.4904, 71.8420, 82.1559

Tritanomaly

65.1016, 72.1846, 89.8587

Monochromacy



Original Color

63.4461, 72.3380, 81.1397

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.0692, 70.4355, 77.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4461, 72.3380, 81.1397 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(194, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(194, 228, 224)  
}
```

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(194, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 228, 224) }
```

Border

The CSS property to change the border of an element to XYZ 63.4461, 72.3380, 81.1397 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(194, 228, 224) }
```


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

```
.border{ border-color:rgb(194, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(194, 228,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4461, 72.3380, 81.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 228, 224) }
```

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

```
.background{ background-color: rgb(194,  
228, 224) }
```

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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