

Converting Colors

XYZ(41.4419, 58.4282, 85.4747)

Have a look what the booklet for
XYZ(41.4419, 58.4282, 85.4747)
contains.

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Color

**XYZ(41.4497, 58.4621,
85.4436)**

Conversions

Conversions Part 1

Format	Color
Hex	25DEE8
RGB	37, 222, 232
RGB Percent	15%, 87%, 91%
CMY	0.8548, 0.1294, 0.0902
CMYK	0.84, 0.04, 0.00, 0.09
HSL	183°, 81%, 53%
HSV	183°, 84%, 91%
XYZ	41.4497, 58.4621, 85.4436
YIQ	167.8250, -113.4700, -36.1100

Conversions

Conversions Part 2

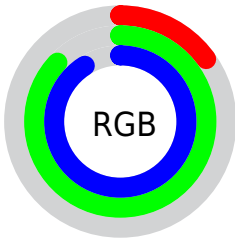
Format	Color
RYB	37, 132, 232
Decimal	2481896
CIELab	81.00, -38.91, -17.24
CIELCh	81, 42.563, 203.897
Yxy	58.4621, 0.2236, 0.3154
Android (android.graphics.Color)	4280671976 (0xFF25DEE8)
YUV	167.8250, 31.6383, -114.7335
Hunter-Lab	76.4605, -37.0400, -12.7334

Details

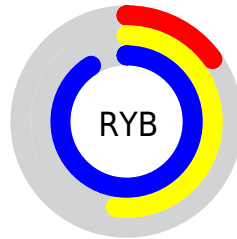
The XYZ color **41.4497, 58.4621, 85.4436** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **34.6307, 19.3242, 3.6566**, and the grayscale version is **37.0270, 38.9552, 42.4223**.

A 20% lighter version of the original color is **61.8360, 82.8776, 107.3456**, and **21.4727, 30.4070, 45.8117** is the 20% darker color. If you saturate the color by 10%, you get **40.5513, 57.5327, 85.3127**, and if you desaturate by 10%, it is **42.8818, 59.6723, 85.6028**.

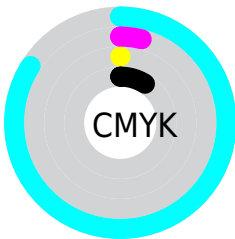
Distribution



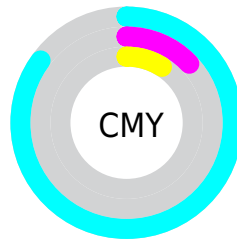
- Red (15%)
- Green (87%)
- Blue (91%)



- Red (15%)
- Yellow (52%)
- Blue (91%)



- Cyan (84%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4497, 58.4621, 85.4436 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 41.4497, 58.4621, 85.4436 by changing the saturation by 10% instead.

41.4497, 58.4621,
85.4436

41.4497, 58.4621,
85.4436

343.2272,
418.9056, 533.2776

28.8599, 42.1803,
63.6557

76.6365, 102.5955,
142.8724

19.1186, 29.2425,
45.9275

99.9641, 131.2158,
179.3505

11.8605, 19.2643,
31.8403

127.6018,
164.7178, 221.5624

6.7203, 11.8614,
20.9758

159.9148,
203.4857, 269.9265

3.3326, 6.6494,
12.9152

197.2684,
247.9041, 324.8616

1.3320, 3.2438,
7.2402

240.0282,

0.2070, 1.2603,

298.3573, 386.7861

3.5320

288.5593,
355.2297, 456.1186

■ 0.0000, 0.1102,
1.3723

■ 0.0000, 0.0000,
0.1200

■ 41.4497, 58.4621,
85.4436

■ 41.4497, 58.4621,
85.4436

■ 40.5513, 57.5327,
85.3127

■ 42.8818, 59.6723,
85.6028

■ 40.1865, 57.0678,
85.2421

■ 44.9288, 61.2016,
85.7901

■ 47.6638, 63.0890,
86.0103

■ 51.1481, 65.3659,
86.2661

■ 55.4366, 68.0607,
86.5602

■ 60.5786, 71.1989,
86.8949

■ 66.6198, 74.8040,
87.2724

■ 73.6024, 78.8978,
87.6945

■ 81.5660, 83.5007,
88.1633

Harmonies

Analogous

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



40.3423, 58.4621, 58.6261



41.4497, 58.4621, 85.4436



46.1543, 58.4621, 111.5535

Triad

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



41.4497, 58.4621, 85.4436



70.4370, 58.4621, 96.8045



57.3905, 58.4621, 26.5260

Complementary

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



41.4497, 58.4621, 85.4436



34.6307, 19.3242, 3.6566

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.



66.1784, 58.4621, 31.9075



41.4497, 58.4621, 85.4436



74.2071, 58.4621, 68.9641

Square

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



41.4497, 58.4621, 85.4436



62.7286, 58.4621, 119.2350



72.5717, 58.4621, 45.9268



48.9714, 58.4621, 28.7564

Rectangle

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



41.4497, 58.4621, 85.4436



50.9909, 58.4621, 122.7011



72.5717, 58.4621, 45.9268



60.4079, 58.4621, 27.4467

Sweetspot

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



41.4515, 58.4643, 85.4450



74.3248, 87.7808, 107.6338



30.1291, 58.3111, 12.3322



15.4093, 18.4856, 23.0059



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.



41.4515, 58.4643, 85.4450



49.7796, 70.6791, 105.6265



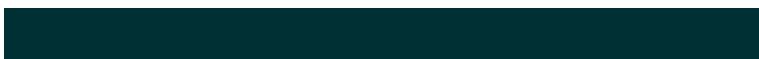
22.6329, 20.8269, 79.1721



14.7408, 16.2030, 18.4949



22.3388, 31.7397, 47.3322



1.6703, 2.3845, 3.5042

Inverse Universe

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



47.1266, 23.7545, 71.2108



57.2556, 27.6663, 86.2671



43.6261, 37.3151, 6.6551



14.9615, 14.6018, 17.9977



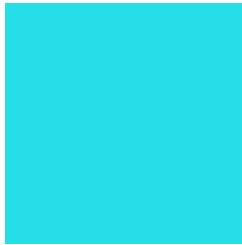
25.6691, 12.4019, 38.7480



1.9067, 0.9204, 2.9153

Previews

White Background



This preview shows how the XYZ color 41.4497, 58.4621, 85.4436 looks on a white background.

Color Contrast Check

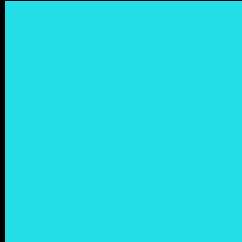
Large Text (above 18pt) WCAG AA × Fail

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 41.4497, 58.4621, 85.4436 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

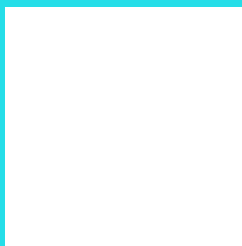
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4497, 58.4621, 85.4436

Background



This preview shows how black text looks on a background with the XYZ color 41.4497, 58.4621, 85.4436.



This preview shows how white text looks on a background with the XYZ color 41.4497, 58.4621,

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

41.4497, 58.4621, 85.4436

Protanopia

56.0072, 57.4037, 73.7738

Deuteranopia

58.7671, 57.4826, 88.8868



Tritanopia

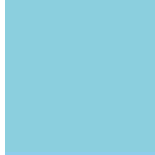
42.5186, 58.5028, 90.7126

Trichromacy



Original Color

41.4497, 58.4621, 85.4436



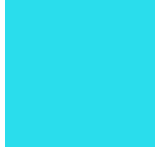
Protanomaly

46.1451, 55.3885, 77.3662



Deuteranomaly

47.9561, 55.3815, 87.5190



Tritanomaly

41.9516, 58.2613, 88.3913

Monochromacy



Original Color

41.4497, 58.4621, 85.4436



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.1329, 43.7211, 55.8775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4497, 58.4621, 85.4436 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(37, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(37, 222, 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(37, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 41.4497, 58.4621, 85.4436 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(37, 222, 232) }
```


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

```
.border{ border-color:rgb(37, 222, 232) }
```

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

Here you see how a box with a 4 pixel rgb(37, 222, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(37, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4497, 58.4621, 85.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 222, 232) }
```

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

```
.background{ background-color: rgb(37, 222,  
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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