

Converting Colors

XYZ(41.9677, 56.2010, 77.0426)

Have a look what the booklet for
XYZ(41.9677, 56.2010, 77.0426)
contains.

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Color

**XYZ(41.9677, 56.2010,
77.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED7DD
RGB	94, 215, 221
RGB Percent	37%, 84%, 87%
CMY	0.6313, 0.1568, 0.1333
CMYK	0.57, 0.03, 0.00, 0.13
HSL	183°, 65%, 62%
HSV	183°, 57%, 87%
XYZ	41.9677, 56.2010, 77.0426
YIQ	179.5050, -74.0420, -23.7860

Conversions

Conversions Part 2

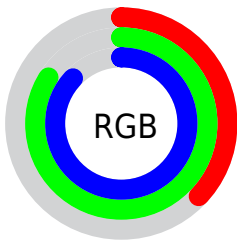
Format	Color
RYB	94, 156, 221
Decimal	6215645
CIELab	79.73, -31.88, -13.17
CIELCh	80, 34.494, 202.446
Yxy	56.2010, 0.2395, 0.3208
Android (android.graphics.Color)	4284405725 (0xFF5ED7DD)
YUV	179.5050, 20.4570, -74.9879
Hunter-Lab	74.9673, -31.2662, -8.4542

Details

The XYZ color **41.9677, 56.2010, 77.0426** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.3976, 25.2959, 13.5555**, and the grayscale version is **43.0414, 45.2829, 49.3131**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **19.4663, 27.9012, 40.4359** is the 20% darker color. If you saturate the color by 10%, you get **39.7532, 54.6673, 76.8643**, and if you desaturate by 10%, it is **44.8360, 58.0768, 77.2545**.

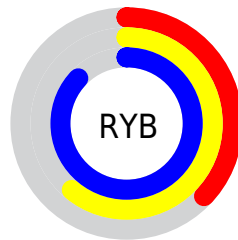
Distribution



Red (37%)

Green (84%)

Blue (87%)



Red (37%)

Yellow (61%)

Blue (87%)

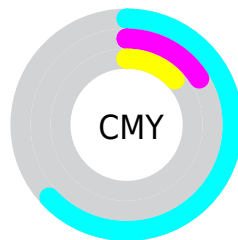


Cyan (57%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (63%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9677, 56.2010, 77.0426 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 41.9677, 56.2010, 77.0426 by changing the saturation by 10% instead.

41.9677, 56.2010,
77.0426

41.9677, 56.2010,
77.0426

345.3429,
410.4485, 504.3508

29.2670, 40.3641,
56.7761

77.4162, 99.2984,
130.9732

19.4282, 27.8225,
40.4173

100.8947,
127.3277, 165.4743

12.0859, 18.1919,
27.5478

128.6966,
160.1899, 205.5574

6.8748, 11.0879,
17.7490

161.1871,
198.2694, 251.6409

3.4296, 6.1260,
10.6024

198.7316,
241.9507, 304.1435

1.3848, 2.9218,
5.6893

241.6955,

0.2454, 1.0911,

291.6180, 363.4836

2.5914

290.4442,
347.6558, 430.0799

■ 0.0000, 0.0000,
0.8880

■ 0.0000, 0.0000,
0.0000

■ 41.9677, 56.2010,
77.0426

■ 41.9677, 56.2010,
77.0426

■ 39.7532, 54.6673,
76.8643

■ 44.8360, 58.0768,
77.2545

■ 38.1302, 53.4398,
76.7129

■ 48.4032, 60.3141,
77.4983

■ 37.0337, 52.4862,
76.5866

■ 52.7164, 62.9386,
77.7776

■ 36.3731, 51.7598,
76.4812

■ 57.8172, 65.9716,
78.0942

■ 36.2372, 51.5923,
76.4561

■ 63.7441, 69.4330,
78.4499

■ 70.5331, 73.3413,
78.8465

■ 78.2179, 77.7141,
79.2855

■ 80.7737, 79.4452,
79.4849

■ 81.0540, 80.0059,
79.5783

Harmonies

Analogous

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



41.2071, 56.2010, 56.2871



41.9677, 56.2010, 77.0426



45.6610, 56.2010, 96.9280

Triad

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



41.9677, 56.2010, 77.0426



64.7574, 56.2010, 87.6835



55.1978, 56.2010, 30.4950

Complementary

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



41.9677, 56.2010, 77.0426



36.3976, 25.2959, 13.5555

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.



62.0058, 56.2010, 35.5379



41.9677, 56.2010, 77.0426



67.8287, 56.2010, 66.3767

Square

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



41.9677, 56.2010, 77.0426



58.6974, 56.2010, 103.9440



66.7803, 56.2010, 47.6820



48.4638, 56.2010, 32.1416

Rectangle

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



41.9677, 56.2010, 77.0426



49.4780, 56.2010, 105.5470



66.7803, 56.2010, 47.6820



57.5605, 56.2010, 31.4178

Sweetspot

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



41.9694, 56.2031, 77.0439



80.2109, 91.3857, 108.0194



32.6896, 54.9801, 20.5041



16.8416, 19.3676, 23.1006



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.



41.9694, 56.2031, 77.0439



54.4445, 75.2162, 106.2564



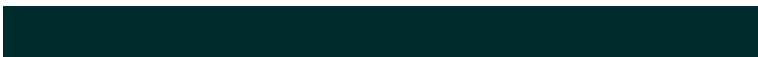
29.1038, 30.4718, 72.7554



13.3894, 14.7186, 16.7874



21.0746, 30.0187, 44.4218



1.3819, 1.9779, 2.8834

Inverse Universe

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



46.0887, 28.2855, 67.3227



60.7802, 33.5554, 91.0181



44.7140, 41.9289, 16.3276



13.5864, 13.2637, 16.3494



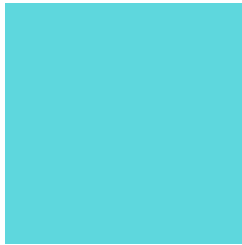
24.1328, 11.6542, 36.6751



1.5718, 0.7584, 2.4201

Previews

White Background



This preview shows how the XYZ color 41.9677, 56.2010, 77.0426 looks on a white background.

Color Contrast Check

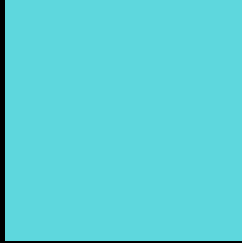
Large Text (above 18pt) WCAG AA × Fail

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 41.9677, 56.2010, 77.0426 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

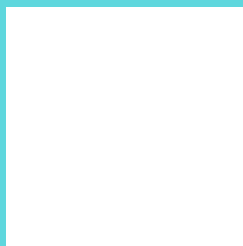
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9677, 56.2010, 77.0426

Background



This preview shows how black text looks on a background with the XYZ color 41.9677, 56.2010, 77.0426.

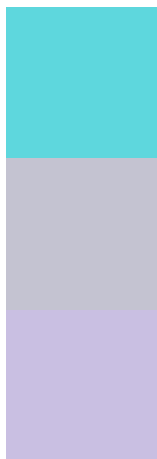


This preview shows how white text looks on a background with the XYZ color 41.9677, 56.2010,

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

41.9677, 56.2010, 77.0426

Protanopia

53.7887, 55.3694, 68.1740

Deuteranopia

56.4457, 55.1701, 79.6254



Tritanopia

43.2551, 55.9547, 84.1219

Trichromacy



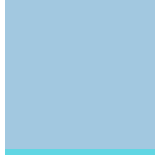
Original Color

41.9677, 56.2010, 77.0426



Protanomaly

47.4288, 54.4161, 70.9544



Deuteranomaly

49.0091, 54.3718, 78.4328



Tritanomaly

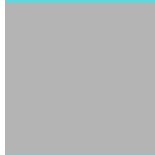
42.8415, 56.1806, 81.2590

Monochromacy



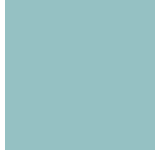
Original Color

41.9677, 56.2010, 77.0426



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.3147, 48.4696, 58.8078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9677, 56.2010, 77.0426 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(94, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(94, 215, 221)  
}
```

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(94, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 41.9677, 56.2010, 77.0426 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(94, 215, 221) }
```


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

```
.border{ border-color:rgb(94, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(94, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9677, 56.2010, 77.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 215, 221) }
```

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

```
.background{ background-color: rgb(94, 215,  
221) }
```

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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