

Converting Colors

XYZ(41.3360, 60.2502, 74.4167)

Have a look what the booklet for
XYZ(41.3360, 60.2502, 74.4167)
contains.

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Color

**XYZ(41.3359, 60.2501,
74.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	3AE2D8
RGB	58, 226, 216
RGB Percent	23%, 89%, 85%
CMY	0.7725, 0.1137, 0.1529
CMYK	0.74, 0.00, 0.04, 0.11
HSL	176°, 74%, 56%
HSV	176°, 74%, 89%
XYZ	41.3359, 60.2501, 74.4166
YIQ	174.6280, -96.9180, -38.7260

Conversions

Conversions Part 2

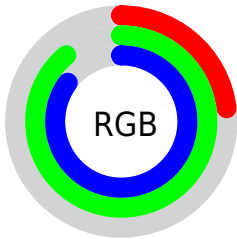
Format	Color
R _Y B	58, 145, 226
Decimal	3859160
CIE Lab	81.97, -43.48, -7.25
CIE LCh	82, 44.082, 189.466
Yxy	60.2501, 0.2349, 0.3423
Android (android.graphics.Color)	4282049240 (0xFF3AE2D8)
YUV	174.6280, 20.3964, -102.2828
Hunter-Lab	77.6209, -40.7791, -2.5077

Details

The XYZ color **41.3359, 60.2501, 74.4166** 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 **33.9224, 19.6139, 7.4687**, and the grayscale version is **40.4915, 42.6002, 46.3917**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **20.8077, 31.3227, 38.6674** is the 20% darker color. If you saturate the color by 10%, you get **40.1260, 59.6478, 73.4569**, and if you desaturate by 10%, it is **43.1269, 61.1546, 75.4137**.

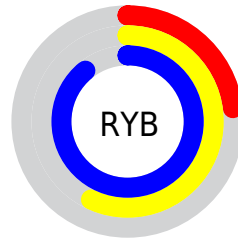
Distribution



Red (23%)

Green (89%)

Blue (85%)



Red (23%)

Yellow (57%)

Blue (89%)

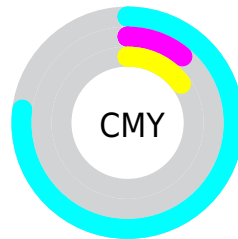


Cyan (74%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (77%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3359, 60.2501, 74.4166 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 41.3359, 60.2501, 74.4166 by changing the saturation by 10% instead.

41.3359, 60.2501,
74.4166

41.3359, 60.2501,
74.4166

342.7612,
425.5190, 495.1118

28.7705, 43.6203,
54.6362

76.4650, 105.1924,
127.2257

19.0507, 30.3721,
38.7139

99.7594, 134.2736,
161.0915

11.8111, 20.1212,
26.2311

127.3609,
168.2741, 200.4895

6.6865, 12.4832,
16.7693

159.6347,
207.5782, 245.8383

3.3114, 7.0736,
9.9099

196.9463,
252.5704, 297.5563

1.3205, 3.5082,
5.2345

239.6611,

0.1985, 1.4024,

303.6350, 356.0622

2.3243

288.1442,
361.1564, 421.7745

■ 0.0000, 0.2185,
0.7448

■ 0.0000, 0.0000,
0.0000

■ 41.3359, 60.2501,
74.4166

■ 41.3359, 60.2501,
74.4166

■ 40.1260, 59.6478,
73.4569

■ 43.1269, 61.1546,
75.4137


■ 39.4102, 59.2986,
72.5263


■ 45.5608, 62.3889,
76.4469


■ 39.1502, 59.1758,
72.0090


■ 48.6970, 63.9852,
77.5205


■ 52.5869, 65.9699,
78.6369

 57.2772, 68.3670,
79.7982

 62.8107, 71.1985,
81.0065

 69.2271, 74.4851,
82.2637

 76.5636, 78.2459,
83.5715

 82.4564, 81.2622,
84.8193

Harmonies

Analogous

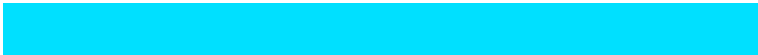
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.0604, 60.2501, 49.1862



41.3359, 60.2501, 74.4166



44.5073, 60.2501, 103.9612

Triad

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



41.3359, 60.2501, 74.4166



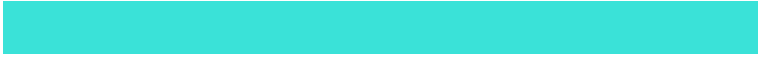
69.4376, 60.2501, 113.7752



63.7892, 60.2501, 28.3026

Complementary

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



41.3359, 60.2501, 74.4166



33.9224, 19.6139, 7.4687

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.



72.2558, 60.2501, 38.0728



41.3359, 60.2501, 74.4166



75.7546, 60.2501, 85.3160

Square

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



41.3359, 60.2501, 74.4166



60.2662, 60.2501, 130.4205



76.8385, 60.2501, 57.5127



54.3669, 60.2501, 26.8640

Rectangle

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



41.3359, 60.2501, 74.4166



48.6297, 60.2501, 120.5272



76.8385, 60.2501, 57.5127



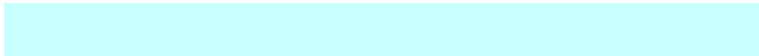
66.8684, 60.2501, 30.5636

Sweetspot

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



41.3377, 60.2524, 74.4180



76.8035, 90.6552, 105.2634



30.4304, 55.9731, 13.2044



16.0416, 19.2006, 22.4394



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.



41.3377, 60.2524, 74.4180



52.1905, 78.1477, 95.9352



26.8985, 29.2411, 76.1804



14.0795, 15.5575, 17.4538



22.3503, 33.7650, 41.1635



1.5601, 2.3447, 2.9104

Inverse Universe

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



33.9224, 19.6139, 7.4687



42.0666, 22.2569, 4.2285



40.2195, 32.6557, 8.1877



13.7402, 13.7137, 14.4019



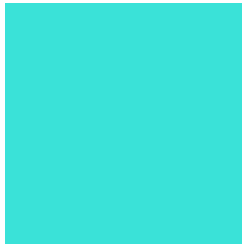
17.9506, 9.2472, 1.1397



1.2561, 0.6457, 0.1413

Previews

White Background



This preview shows how the XYZ color 41.3359, 60.2501, 74.4166 looks on a white background.

Color Contrast Check

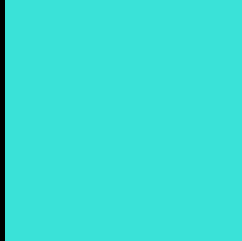
Large Text (above 18pt) WCAG AA × Fail

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 41.3359, 60.2501, 74.4166 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

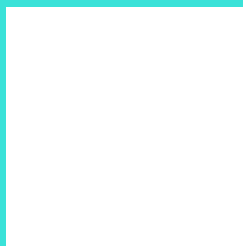
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3359, 60.2501, 74.4166

Background



This preview shows how black text looks on a background with the XYZ color 41.3359, 60.2501, 74.4166.

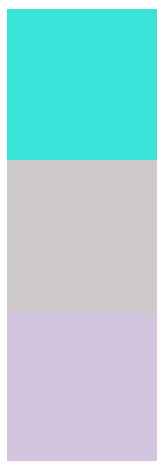


This preview shows how white text looks on a background with the XYZ color 41.3359, 60.2501,

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

41.3359, 60.2501, 74.4166

Protanopia

56.8829, 59.1121, 63.6701

Deuteranopia

60.3024, 59.2035, 77.3564



Tritanopia

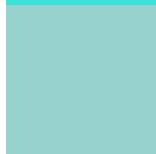
44.6735, 59.9897, 91.6627

Trichromacy



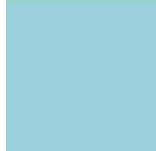
Original Color

41.3359, 60.2501, 74.4166



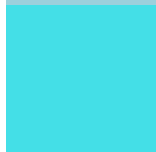
Protanomaly

47.1361, 57.2248, 66.9537



Deuteranomaly

49.1844, 57.3470, 76.1869



Tritanomaly

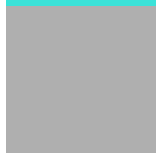
43.1954, 59.7738, 84.8622

Monochromacy



Original Color

41.3359, 60.2501, 74.4166



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.1018, 47.2068, 55.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3359, 60.2501, 74.4166 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(58, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(58, 226, 216)  
}
```

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(58, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 226, 216) }
```

Border

The CSS property to change the border of an element to XYZ 41.3359, 60.2501, 74.4166 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(58, 226, 216) }
```


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

```
.border{ border-color:rgb(58, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(58, 226,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3359, 60.2501, 74.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 226, 216) }
```

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

```
.background{ background-color: rgb(58, 226,  
216) }
```

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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