

Converting Colors

XYZ(41.6493, 60.6397, 74.1817)

Have a look what the booklet for
XYZ(41.6493, 60.6397, 74.1817)
contains.

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Color

**XYZ(41.8504, 60.9202,
74.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	3EE3D8
RGB	62, 227, 216
RGB Percent	24%, 89%, 85%
CMY	0.7568, 0.1098, 0.1529
CMYK	0.73, 0.00, 0.05, 0.11
HSL	176°, 75%, 57%
HSV	176°, 73%, 89%
XYZ	41.8504, 60.9202, 74.5188
YIQ	176.4110, -94.8090, -38.4010

Conversions

Conversions Part 2

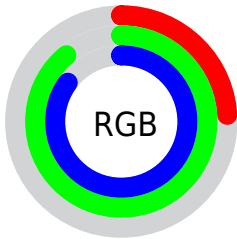
Format	Color
R _{YB}	62, 147, 227
Decimal	4121560
CIE _{Lab}	82.34, -43.48, -6.71
CIE _{LCh}	82, 43.990, 188.769
Y _{xy}	60.9202, 0.2361, 0.3436
Android (android.graphics.Color)	4282311640 (0xFF3EE3D8)
YUV	176.4110, 19.5174, -100.3384
Hunter-Lab	78.0514, -40.8800, -1.9706

Details

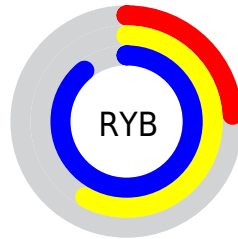
The XYZ color **41.8504, 60.9202, 74.5188** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **34.6059, 20.2591, 8.3920**, and the grayscale version is **41.4204, 43.5775, 47.4559**.

A 20% lighter version of the original color is **63.4829, 83.7265, 107.4227**, and **20.9959, 31.6990, 38.7301** is the 20% darker color. If you saturate the color by 10%, you get **40.5186, 60.2575, 73.4409**, and if you desaturate by 10%, it is **43.7817, 61.8945, 75.6369**.

Distribution



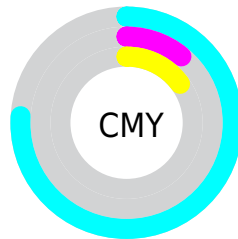
- Red (24%)
- Green (89%)
- Blue (85%)



- Red (24%)
- Yellow (58%)
- Blue (89%)



- Cyan (73%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (76%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8504, 60.9202, 74.5188 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 41.8504, 60.9202, 74.5188 by changing the saturation by 10% instead.


 41.8504, 60.9202,
74.5188


 41.8504, 60.9202,
74.5188


344.8646,
427.9813, 495.4732


 29.1748, 44.1608,
54.7194


 77.2397, 106.1634,
127.3718

 19.3580, 30.7969,
38.7800


 100.6842,
135.4159, 161.2625

 12.0348, 20.4443,
26.2821


 128.4489,
169.6016, 200.6873

 6.8397, 12.7184,
16.8072

 160.8993,
209.1049, 246.0649

 3.4075, 7.2349,
9.9366

198.4007,
254.3101, 297.8137

 1.3728, 3.6094,
5.2519

241.3185,

 0.2367, 1.4576,

305.6016, 356.3524

2.3345

290.0180,
363.3639, 422.0994

■ 0.0000, 0.2586,
0.7504

■ 0.0000, 0.0000,
0.0000

■ 41.8504, 60.9202,
74.5188

■ 41.8504, 60.9202,
74.5188

■ 40.5186, 60.2575,
73.4409

■ 43.7817, 61.8945,
75.6369


■ 39.7013, 59.8585,
72.3951

■ 46.3730, 63.2074,
76.7940


■ 39.3369, 59.6868,
71.6467


■ 49.6834, 64.8909,
77.9942


■ 53.7638, 66.9711,
79.2399

 58.6608, 69.4720,
80.5333

 64.4169, 72.4156,
81.8765

 71.0720, 75.8224,
83.2713

 78.6633, 79.7117,
84.7195

 82.9403, 81.8922,
86.0223

Harmonies

Analogous

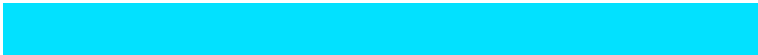
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.6714, 60.9202, 49.3364



41.8504, 60.9202, 74.5188



44.9534, 60.9202, 104.2001

Triad

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



41.8504, 60.9202, 74.5188



69.9414, 60.9202, 115.2802



64.6797, 60.9202, 28.9057

Complementary

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



41.8504, 60.9202, 74.5188



34.6059, 20.2591, 8.3920

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.



73.1270, 60.9202, 38.9691



41.8504, 60.9202, 74.5188



76.3856, 60.9202, 86.8405

Square

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



41.8504, 60.9202, 74.5188



60.6951, 60.9202, 131.5632



77.6104, 60.9202, 58.7674



55.1976, 60.9202, 27.2703

Rectangle

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



41.8504, 60.9202, 74.5188



49.0494, 60.9202, 121.0007



77.6104, 60.9202, 58.7674



67.7622, 60.9202, 31.2530

Sweetspot

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



41.8522, 60.9225, 74.5203



76.7401, 90.6298, 104.9298



31.3013, 56.8147, 13.8755



16.0264, 19.1945, 22.3594



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.



41.8522, 60.9225, 74.5203



52.1509, 78.1494, 94.9350



28.1235, 31.1120, 77.1985



14.7638, 16.3189, 18.2868



22.9580, 34.8153, 41.8744



1.7091, 2.5778, 3.1606

Inverse Universe

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



34.6059, 20.2591, 8.3920



42.3204, 22.5690, 4.9159



40.6332, 32.8470, 8.7574



14.4158, 14.3835, 15.1239



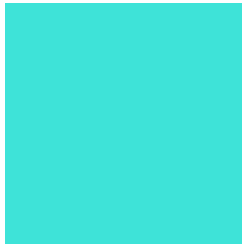
18.5408, 9.5505, 1.2109



1.3839, 0.7113, 0.1620

Previews

White Background



This preview shows how the XYZ color 41.8504, 60.9202, 74.5188 looks on a white background.

Color Contrast Check

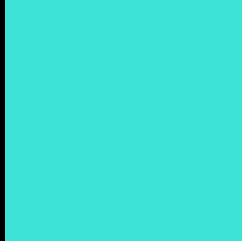
Large Text (above 18pt) WCAG AA × Fail

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 41.8504, 60.9202, 74.5188 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

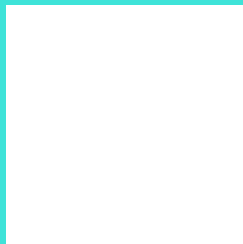
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8504, 60.9202, 74.5188

Background



This preview shows how black text looks on a background with the XYZ color 41.8504, 60.9202, 74.5188.

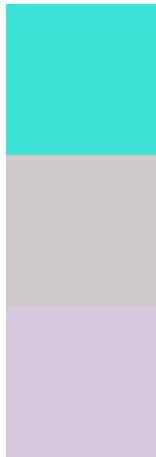


This preview shows how white text looks on a background with the XYZ color 41.8504, 60.9202,

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

41.8504, 60.9202, 74.5188

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

61.1105, 59.9582, 77.4595



Tritanopia

45.3254, 60.7040, 92.5472

Trichromacy



Original Color

41.8504, 60.9202, 74.5188



Protanomaly

47.7613, 57.9148, 67.0539



Deuteranomaly

50.0168, 58.1392, 76.2960



Tritanomaly

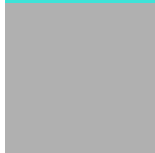
43.8936, 60.5152, 85.7111

Monochromacy



Original Color

41.8504, 60.9202, 74.5188



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.9108, 47.9427, 56.4933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8504, 60.9202, 74.5188 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(62, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(62, 227, 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(62, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 227, 216) }
```

Border

The CSS property to change the border of an element to XYZ 41.8504, 60.9202, 74.5188 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(62, 227, 216) }
```


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

```
.border{ border-color:rgb(62, 227, 216) }
```

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

Here you see how a box with a 4 pixel rgb(62, 227, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(62, 227,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8504, 60.9202, 74.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 227, 216) }
```

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

```
.background{ background-color: rgb(62, 227,  
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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