

Converting Colors

XYZ(38.2069, 62.1799, 54.8589)

Have a look what the booklet for
XYZ(38.2069, 62.1799, 54.8589)
contains.

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Color

**XYZ(38.3234, 62.4467,
54.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	17EAB7
RGB	23, 234, 183
RGB Percent	9%, 92%, 72%
CMY	0.9097, 0.0823, 0.2823
CMYK	0.90, 0.00, 0.22, 0.08
HSL	165°, 83%, 50%
HSV	165°, 90%, 92%
XYZ	38.3234, 62.4467, 54.8333
YIQ	165.0970, -109.3850, -60.5930

Conversions

Conversions Part 2

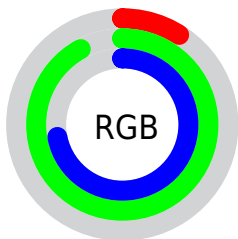
Format	Color
RYB	23, 143, 234
Decimal	1567415
CIELab	83.15, -57.99, 11.83
CIElCh	83, 59.182, 168.470
Yxy	62.4467, 0.2463, 0.4013
Android (android.graphics.Color)	4279757495 (0xFF17EAB7)
YUV	165.0970, 8.8262, -124.6191
Hunter-Lab	79.0232, -51.7246, 14.1756

Details

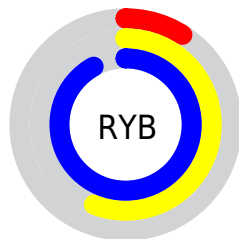
The XYZ color **38.3234, 62.4467, 54.8333** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **35.4764, 18.6013, 8.2028**, and the grayscale version is **35.8108, 37.6757, 41.0288**.

A 20% lighter version of the original color is **58.4102, 81.3968, 94.2940**, and **19.7514, 33.0560, 26.4585** is the 20% darker color. If you saturate the color by 10%, you get **37.4034, 62.0396, 51.8275**, and if you desaturate by 10%, it is **39.7179, 63.0977, 58.0358**.

Distribution



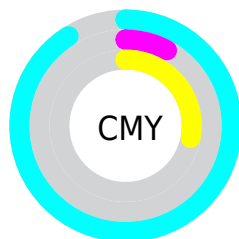
- Red (9%)
- Green (92%)
- Blue (72%)



- Red (9%)
- Yellow (56%)
- Blue (92%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)





- Cyan (91%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3234, 62.4467, 54.8333 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 38.3234, 62.4467, 54.8333 by changing the saturation by 10% instead.


 38.3234, 62.4467,
54.8333


 38.3234, 62.4467,
54.8333


330.2622,
433.5586, 422.5438


 26.4121, 45.3937,
38.8706


 71.9043, 108.3709,
98.7654


 17.2665, 31.7677,
26.3520


 94.3046, 138.0109,
127.5718


 10.5212, 21.1841,
16.8590


 120.9319,
172.6154, 161.4965

 5.8108, 13.2586,
9.9731

 152.1517,
212.5687, 200.9581

 2.7699, 7.6069,
5.2758

 188.3293,
258.2553, 246.3751

 1.0333, 3.8445,
2.3484

229.8300,

 0.0000, 1.5869,

310.0596, 298.1660

0.7581

277.0192,
368.3659, 356.7494

■ 0.0000, 0.3488,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.3234, 62.4467,
54.8333

■ 38.3234, 62.4467,
54.8333

■ 37.4034, 62.0396,
51.8275

■ 39.7179, 63.0977,
58.0358

■ 41.7097, 64.0524,
61.3898

■ 44.3824, 65.3552,
64.9019

■ 47.8046, 67.0416,
68.5769

■ 52.0362, 69.1425,
72.4188

■ 57.1313, 71.6855,
76.4314

■ 63.1389, 74.6961,
80.6184

■ 70.1045, 78.1976,
84.9832

■ 78.0702, 82.2117,
89.5290

Harmonies

Analogous

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



42.7421, 62.4467, 31.0981



38.3234, 62.4467, 54.8333



38.9035, 62.4467, 92.9103

Triad

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



38.3234, 62.4467, 54.8333



67.5134, 62.4467, 159.3755



77.2489, 62.4467, 27.6457

Complementary

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



38.3234, 62.4467, 54.8333



35.4764, 18.6013, 8.2028

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.



85.9477, 62.4467, 47.9851



38.3234, 62.4467, 54.8333



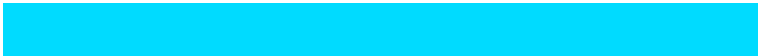
79.7926, 62.4467, 126.3830

Square

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



38.3234, 62.4467, 54.8333



54.5604, 62.4467, 163.3120



86.9404, 62.4467, 83.1077



64.4198, 62.4467, 19.6180

Rectangle

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



38.3234, 62.4467, 54.8333



42.0658, 62.4467, 122.0672



86.9404, 62.4467, 83.1077



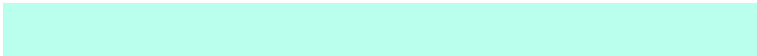
80.8277, 62.4467, 32.8442

Sweetspot

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



38.3251, 62.4491, 54.8348



71.5313, 88.1719, 94.4128



32.5406, 60.4366, 10.7620



14.8051, 18.6194, 19.8404



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.



38.3251, 62.4491, 54.8348



45.4257, 75.3863, 62.8188



31.7819, 39.2757, 83.7506



15.3530, 17.0560, 18.5415



21.0698, 34.8824, 29.3965



1.6917, 2.7540, 2.5043

Inverse Universe

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



35.4764, 18.6013, 8.2028



42.0997, 21.6039, 6.4571



36.6560, 22.6916, 3.2595



15.2147, 15.1137, 16.4161



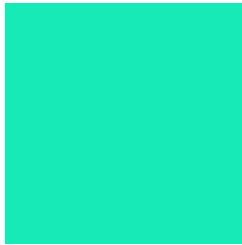
19.5180, 10.0099, 3.2632



1.5696, 0.8008, 0.4507

Previews

White Background



This preview shows how the XYZ color 38.3234, 62.4467, 54.8333 looks on a white background.

Color Contrast Check

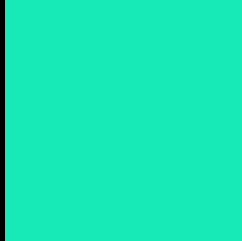
Large Text (above 18pt) WCAG AA × Fail

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 38.3234, 62.4467, 54.8333 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

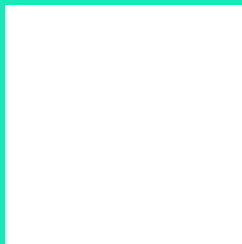
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3234, 62.4467, 54.8333

Background



This preview shows how black text looks on a background with the XYZ color 38.3234, 62.4467, 54.8333.

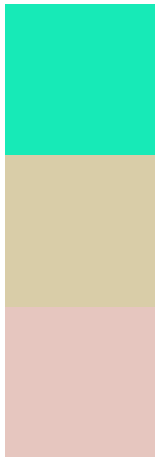


This preview shows how white text looks on a background with the XYZ color 38.3234, 62.4467,

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

38.3234, 62.4467, 54.8333

Protanopia

57.5145, 61.2415, 45.8352

Deuteranopia

62.2312, 60.9727, 57.7792



Tritanopia

46.4271, 62.4202, 95.1893

Trichromacy



Original Color

38.3234, 62.4467, 54.8333



Protanomaly

43.9528, 58.2399, 48.4600



Deuteranomaly

45.8889, 57.1879, 56.1967



Tritanomaly

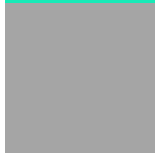
42.8350, 62.1533, 78.8464

Monochromacy



Original Color

38.3234, 62.4467, 54.8333



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

32.6699, 43.3162, 45.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3234, 62.4467, 54.8333 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(23, 234, 183)` looks like.

```
.text, #text, p{  
    color:rgb(23, 234, 183)  
}
```

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(23, 234, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 234, 183) }
```

Border

The CSS property to change the border of an element to XYZ 38.3234, 62.4467, 54.8333 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(23, 234, 183) }
```


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

```
.border{ border-color:rgb(23, 234, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 234, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 234, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 234, 183);  
box-shadow:4px 4px 4px 4px rgb(23, 234,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3234, 62.4467, 54.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 234, 183) }
```

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

```
.background{ background-color: rgb(23, 234,  
183) }
```

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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