

Converting Colors

XYZ(26.1257, 54.9862, 54.1948)

Have a look what the booklet for
XYZ(26.1257, 54.9862, 54.1948)
contains.

XYZ(37.1232, 60.5707, 54.5345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.1232, 60.5707,
54.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	00E7B7
RGB	0, 231, 183
RGB Percent	0%, 91%, 72%
CMY	0.9998, 0.0941, 0.2823
CMYK	1.00, 0.00, 0.21, 0.09
HSL	168°, 100%, 45%
HSV	168°, 100%, 91%
XYZ	37.1232, 60.5707, 54.5345
YIQ	156.4590, -122.2680, -63.9000

Conversions

Conversions Part 2

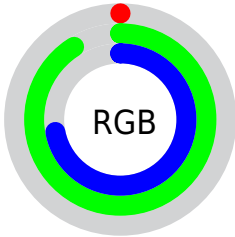
Format	Color
RYB	0, 129, 231
Decimal	59319
CIELab	82.15, -57.56, 10.39
CIELCh	82, 58.492, 169.769
Yxy	60.5707, 0.2439, 0.3979
Android (android.graphics.Color)	4278249399 (0xFF00E7B7)
YUV	156.4590, 13.0847, -137.2145
Hunter-Lab	77.8272, -51.0539, 12.9338

Details

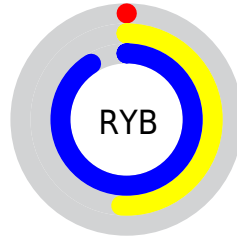
The XYZ color **37.1232, 60.5707, 54.5345** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **33.4910, 17.2042, 4.3565**, and the grayscale version is **31.7938, 33.4495, 36.4265**.

A 20% lighter version of the original color is **57.7704, 81.0670, 94.2640**, and **19.1653, 31.8838, 26.2632** is the 20% darker color. If you saturate the color by 10%, you get **37.1235, 60.5724, 54.5312**, and if you desaturate by 10%, it is **37.9894, 60.9600, 57.2299**.

Distribution



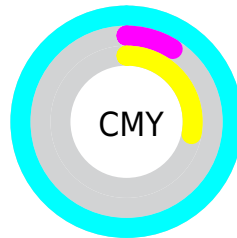
- Red (0%)
- Green (91%)
- Blue (72%)



- Red (0%)
- Yellow (51%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1232, 60.5707, 54.5345 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 37.1232, 60.5707, 54.5345 by changing the saturation by 10% instead.


 37.1232, 60.5707,
54.5345


 37.1232, 60.5707,
54.5345


325.1899,
426.6982, 421.3771


 25.4770, 43.8788,
38.6331


 70.0748, 105.6571,
98.3229


 16.5634, 30.5752,
26.1688


 92.1110, 134.8204,
127.0469

 10.0171, 20.2756,
16.7230


 118.3411,
168.9096, 160.8823

 5.4726, 12.5956,
9.8774

 149.1307,
208.3091, 200.2474

 2.5647, 7.1506,
5.2132

 184.8450,
253.4033, 245.5609

 0.9280, 3.5565,
2.3120

225.8494,

 0.0000, 1.4287,

304.5766, 297.2413

0.7379

272.5092,
362.2135, 355.7072

■ 0.0000, 0.2377,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.1232, 60.5707,
54.5345

■ 37.1232, 60.5707,
54.5345

■ 37.1235, 60.5724,
54.5312

■ 37.9894, 60.9600,
57.2299

■ 39.2961, 61.5729,
60.0344

■ 41.1801, 62.4814,
62.9567

■ 43.7200, 63.7260,
66.0012

■ 46.9821, 65.3409,
69.1719

■ 51.0244, 67.3559,
72.4722

■ 55.8988, 69.7978,
75.9055

■ 61.6528, 72.6911,
79.4748

■ 68.3302, 76.0583,
83.1828

Harmonies

Analogous

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



41.1965, 60.5707, 30.9077



37.1232, 60.5707, 54.5345



37.8955, 60.5707, 91.8921

Triad

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



37.1232, 60.5707, 54.5345



66.0310, 60.5707, 153.5149



74.4121, 60.5707, 26.3057

Complementary

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



37.1232, 60.5707, 54.5345



33.4910, 17.2042, 4.3565

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.



83.0936, 60.5707, 45.4189



37.1232, 60.5707, 54.5345



77.7935, 60.5707, 120.7169

Square

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



37.1232, 60.5707, 54.5345



53.4325, 60.5707, 158.7425



84.4131, 60.5707, 78.8594



61.9171, 60.5707, 18.9469

Rectangle

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



37.1232, 60.5707, 54.5345



41.0975, 60.5707, 120.0858



84.4131, 60.5707, 78.8594



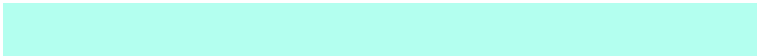
77.9449, 60.5707, 31.1633

Sweetspot

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



37.1249, 60.5730, 54.5359



69.8299, 87.2822, 94.9062



29.8966, 57.8341, 9.5886



14.3668, 18.3912, 19.9199



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.



37.1249, 60.5730, 54.5359



46.4210, 75.7844, 68.0599



27.9820, 32.8843, 80.4764



14.6724, 16.2824, 17.8055



20.8577, 33.9752, 30.8149



1.5737, 2.5236, 2.4475

Inverse Universe

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



33.4910, 17.2042, 4.3565



41.8825, 21.5170, 5.3136



34.8744, 20.8256, 2.1829



14.4989, 14.4168, 15.5617



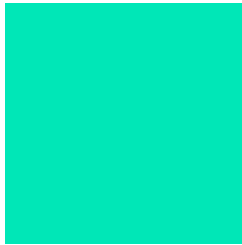
18.8105, 9.6584, 2.6312



1.4234, 0.7271, 0.3699

Previews

White Background



This preview shows how the XYZ color 37.1232, 60.5707, 54.5345 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 37.1232, 60.5707, 54.5345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

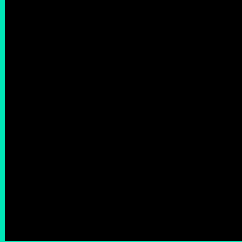
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

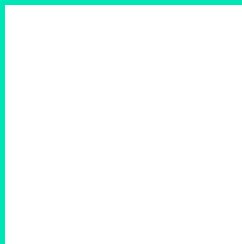
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1232, 60.5707, 54.5345

Background



This preview shows how black text looks on a background with the XYZ color 37.1232, 60.5707, 54.5345.

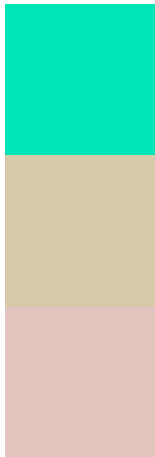


This preview shows how white text looks on a background with the XYZ color 37.1232, 60.5707,

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

37.1232, 60.5707, 54.5345

Protanopia

55.9200, 59.3644, 45.5570

Deuteranopia

60.5079, 59.4102, 57.5684



Tritanopia

44.7906, 60.4283, 92.5222

Trichromacy



Original Color

37.1232, 60.5707, 54.5345



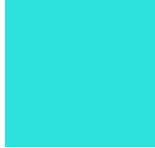
Protanomaly

41.4904, 55.8399, 48.1266



Deuteranomaly

43.3792, 55.1611, 55.9378



Tritanomaly

41.1968, 60.1179, 77.1428

Monochromacy



Original Color

37.1232, 60.5707, 54.5345



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

28.9620, 39.2728, 42.1303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1232, 60.5707, 54.5345 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(0, 231, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 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(0, 231, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.1232, 60.5707, 54.5345 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(0, 231, 183) }
```


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

```
.border{ border-color:rgb(0, 231, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 231, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1232, 60.5707, 54.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 183) }
```

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

```
.background{ background-color: rgb(0, 231,  
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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