

Converting Colors

XYZ(37.2171, 57.7748, 60.9551)

Have a look what the booklet for
XYZ(37.2171, 57.7748, 60.9551)
contains.

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Color

**XYZ(37.0711, 57.5427,
60.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	1FE0C3
RGB	31, 224, 195
RGB Percent	12%, 88%, 76%
CMY	0.8784, 0.1216, 0.2353
CMYK	0.86, 0.00, 0.13, 0.12
HSL	171°, 76%, 50%
HSV	171°, 86%, 88%
XYZ	37.0711, 57.5427, 60.7828
YIQ	162.9870, -105.7190, -49.9350

Conversions

Conversions Part 2

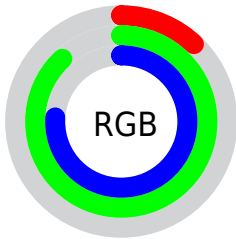
Format	Color
R _{YB}	31, 135, 224
Decimal	2089155
CIE Lab	80.48, -50.56, 1.67
CIE LCh	80, 50.590, 178.105
Yxy	57.5427, 0.2386, 0.3703
Android (android.graphics.Color)	4280279235 (0xFF1FE0C3)
YUV	162.9870, 15.7824, -115.7526
Hunter-Lab	75.8569, -45.5170, 5.5918

Details

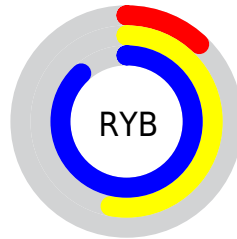
The XYZ color **37.0711, 57.5427, 60.7828** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed cyan. A complement of this color would be **32.0482, 17.1553, 5.9001**, and the grayscale version is **34.7737, 36.5846, 39.8406**.

A 20% lighter version of the original color is **60.3750, 82.1980, 103.9505**, and **18.8104, 29.9284, 29.9846** is the 20% darker color. If you saturate the color by 10%, you get **36.2385, 57.1583, 58.7804**, and if you desaturate by 10%, it is **38.3825, 58.1756, 62.8550**.

Distribution



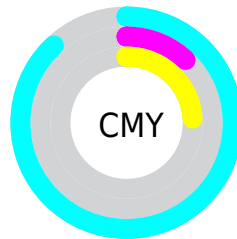
- Red (12%)
- Green (88%)
- Blue (76%)



- Red (12%)
- Yellow (53%)
- Blue (88%)



- Cyan (86%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (88%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0711, 57.5427, 60.7828 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 37.0711, 57.5427, 60.7828 by changing the saturation by 10% instead.

37.0711, 57.5427,
60.7828

37.0711, 57.5427,
60.7828

324.9684,
415.4798, 445.3617

25.4365, 41.4411,
43.6205

69.9952, 101.2566,
107.5188

16.5330, 28.6639,
30.0373

92.0155, 129.6378,
137.9297

9.9953, 18.8267,
19.6146

118.2283,
162.8809, 173.5937

5.4581, 11.5451,
11.9339

148.9990,
201.3703, 214.9296

2.5560, 6.4348,
6.5767

184.6931,
245.4906, 262.3558

0.9236, 3.1112,
3.1244

225.6757,

0.0000, 1.1901,

295.6260, 316.2908

1.1585

272.3124,
352.1609, 377.1533

■ 0.0000, 0.0536,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.0711, 57.5427,
60.7828

■ 37.0711, 57.5427,
60.7828

■ 36.2385, 57.1583,
58.7804

■ 38.3825, 58.1756,
62.8550

■ 35.9880, 57.0457,
58.0245

■ 40.2520, 59.0939,
64.9972

■ 42.7490, 60.3347,
67.2140

■ 45.9314, 61.9278,
69.5087

■ 49.8506, 63.8997,
71.8837

■ 54.5529, 66.2743,
74.3416

■ 60.0809, 69.0735,
76.8846

■ 66.4740, 72.3177,
79.5149

■ 73.7692, 76.0259,
82.2344

Harmonies

Analogous

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



39.4366, 57.5427, 37.0447



37.0711, 57.5427, 60.7828



38.9082, 57.5427, 93.6249

Triad

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



37.0711, 57.5427, 60.7828



64.6444, 57.5427, 127.8121



65.9309, 57.5427, 25.5748

Complementary

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



37.0711, 57.5427, 60.7828



32.0482, 17.1553, 5.9001

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.



74.2553, 57.5427, 39.3994



37.0711, 57.5427, 60.7828



73.4490, 57.5427, 97.9700

Square

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



37.0711, 57.5427, 60.7828



54.0352, 57.5427, 138.9098



77.1648, 57.5427, 64.5637



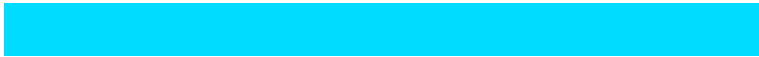
55.3553, 57.5427, 21.1287

Rectangle

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



37.0711, 57.5427, 60.7828



42.4177, 57.5427, 115.5632



77.1648, 57.5427, 64.5637



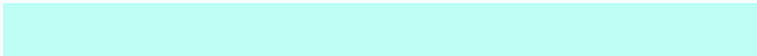
69.1329, 57.5427, 29.0097

Sweetspot

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



37.0727, 57.5449, 60.7842



73.1589, 88.8953, 99.7180



28.9658, 54.4749, 10.2858



15.1619, 18.7760, 21.0948



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.



37.0727, 57.5449, 60.7842



48.2426, 76.5130, 77.6526



26.5353, 30.7029, 75.0510



14.0234, 15.5351, 17.1584



20.9810, 33.2173, 33.9528



1.4786, 2.3122, 2.4817

Inverse Universe

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



32.0482, 17.1553, 5.9001



41.5951, 21.4020, 3.7997



35.1127, 24.1941, 4.1170



13.7908, 13.7339, 14.6683



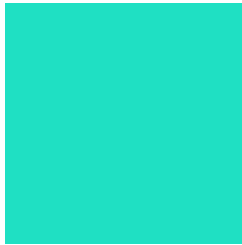
18.0846, 9.3009, 1.8454



1.2801, 0.6553, 0.2681

Previews

White Background



This preview shows how the XYZ color 37.0711, 57.5427, 60.7828 looks on a white background.

Color Contrast Check

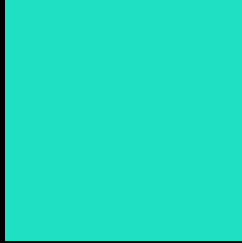
Large Text (above 18pt) WCAG AA × Fail

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 37.0711, 57.5427, 60.7828 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

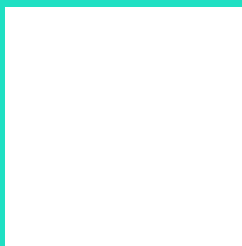
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0711, 57.5427, 60.7828

Background



This preview shows how black text looks on a background with the XYZ color 37.0711, 57.5427, 60.7828.



This preview shows how white text looks on a background with the XYZ color 37.0711, 57.5427,

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

37.0711, 57.5427, 60.7828

Protanopia

53.6581, 56.3496, 51.2285

Deuteranopia

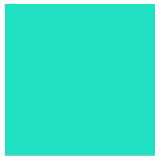
57.5346, 56.4106, 63.7331



Tritanopia

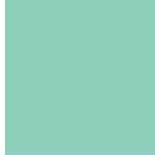
42.4585, 57.3572, 88.1901

Trichromacy



Original Color

37.0711, 57.5427, 60.7828



Protanomaly

42.2251, 53.8792, 54.0732



Deuteranomaly

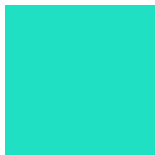
44.1144, 53.6052, 62.0546



Tritanomaly

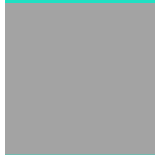
40.1125, 57.1637, 77.3262

Monochromacy



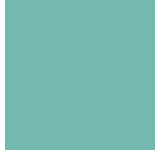
Original Color

37.0711, 57.5427, 60.7828



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.1571, 41.4379, 46.8609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0711, 57.5427, 60.7828 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(31, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(31, 224, 195)  
}
```

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(31, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 224, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.0711, 57.5427, 60.7828 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(31, 224, 195) }
```


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

```
.border{ border-color:rgb(31, 224, 195) }
```

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

Here you see how a box with a 4 pixel rgb(31, 224, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(31, 224,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0711, 57.5427, 60.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 224, 195) }
```

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

```
.background{ background-color: rgb(31, 224,  
195) }
```

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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