

Converting Colors

XYZ(29.0332, 52.1437, 27.9366)

Have a look what the booklet for
XYZ(29.0332, 52.1437, 27.9366)
contains.

XYZ(29.0332, 52.1437, 27.9366)	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(29.0332, 52.1437,
27.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB7D
RGB	0, 219, 125
RGB Percent	0%, 86%, 49%
CMY	0.9999, 0.1412, 0.5098
CMYK	1.00, 0.00, 0.43, 0.14
HSL	154°, 100%, 43%
HSV	154°, 100%, 86%
XYZ	29.0332, 52.1437, 27.9366
YIQ	142.8030, -100.3500, -75.6620

Conversions

Conversions Part 2

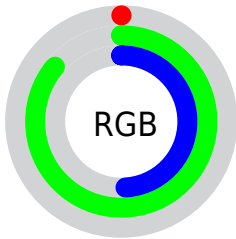
Format	Color
RYB	0, 139, 219
Decimal	56189
CIELab	77.37, -65.71, 33.89
CIELCh	77, 73.932, 152.716
Yxy	52.1437, 0.2661, 0.4779
Android (android.graphics.Color)	4278246269 (0xFF00DB7D)
YUV	142.8030, -8.7769, -125.2382
Hunter-Lab	72.2106, -54.6003, 27.6095

Details

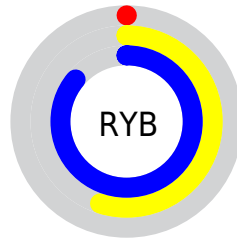
The XYZ color **29.0332, 52.1437, 27.9366** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **31.2359, 15.8695, 12.0106**, and the grayscale version is **26.0951, 27.4541, 29.8975**.

A 20% lighter version of the original color is **49.8405, 77.8388, 55.0454**, and **14.1564, 26.3351, 10.8156** is the 20% darker color. If you saturate the color by 10%, you get **29.0339, 52.1455, 27.9354**, and if you desaturate by 10%, it is **29.9928, 52.5671, 31.2678**.

Distribution



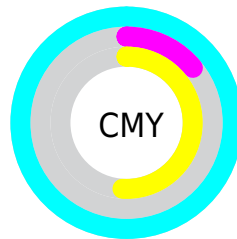
- Red (0%)
- Green (86%)
- Blue (49%)



- Red (0%)
- Yellow (55%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)





- Cyan (100%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0332, 52.1437, 27.9366 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 29.0332, 52.1437, 27.9366 by changing the saturation by 10% instead.


 29.0332, 52.1437,
27.9366


 29.0332, 52.1437,
27.9366


289.3629,
394.9911, 306.0662


 19.2503, 37.1196,
18.0392


 57.5270, 93.3431,
57.4051

 11.9564, 25.3001,
10.8084


 76.9687, 120.2873,
77.8133


 6.7860, 16.3008,
5.8256


 100.3607,
151.9736, 102.5622

 3.3737, 9.7373,
2.6723

 128.0684,
188.7864, 132.0704

 1.3544, 5.2251,
0.9294

 160.4571,
231.1102, 166.7563

 0.2233, 2.3799,
0.0000

197.8922,

 0.0000, 0.8155,

279.3293, 207.0386

0.0000

240.7390,
333.8282, 253.3357

■ 0.0000, 0.0000,
0.0000

■ 29.0332, 52.1437,
27.9366

■ 29.0332, 52.1437,
27.9366

■ 29.0339, 52.1455,
27.9354

■ 29.9928, 52.5671,
31.2678

■ 31.3824, 53.2040,
34.9226

■ 33.3270, 54.1201,
38.9156

■ 35.8965, 55.3513,
43.2574

■ 39.1502, 56.9280,
47.9579

■ 43.1399, 58.8767,
53.0263

■ 47.9126, 61.2215,
58.4714

■ 53.5108, 63.9843,
64.3017

■ 59.9742, 67.1852,
70.5254

Harmonies

Analogous

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



36.2154, 52.1437, 13.1158



29.0332, 52.1437, 27.9366



26.9777, 52.1437, 60.5644

Triad

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



29.0332, 52.1437, 27.9366



50.8669, 52.1437, 176.2420



76.2772, 52.1437, 24.1224

Complementary

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



29.0332, 52.1437, 27.9366



31.2359, 15.8695, 12.0106

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.



82.1575, 52.1437, 53.1483



29.0332, 52.1437, 27.9366



65.8383, 52.1437, 151.2995

Square

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



29.0332, 52.1437, 27.9366



38.0651, 52.1437, 158.5382



78.0158, 52.1437, 100.7130



63.1657, 52.1437, 11.7689

Rectangle

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



29.0332, 52.1437, 27.9366



28.3939, 52.1437, 92.6589



78.0158, 52.1437, 100.7130



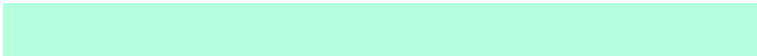
79.2673, 52.1437, 31.6079

Sweetspot

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



29.0345, 52.1458, 27.9378



67.4416, 86.3269, 82.3294



30.0426, 53.0931, 8.6651



13.7951, 18.1626, 16.9095



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.



29.0345, 52.1458, 27.9378



40.9126, 73.5810, 39.0533



34.4760, 48.4931, 74.5634



13.1964, 14.7302, 15.4970



17.2710, 30.9410, 16.8582



1.1618, 2.0217, 1.3179

Inverse Universe

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



31.2359, 15.8695, 12.0106



44.0251, 22.3741, 16.5963



29.3801, 15.3916, 1.4228



13.2869, 13.1439, 14.7720



18.5728, 9.4302, 7.3965



1.2458, 0.6280, 0.7036

Previews

White Background



This preview shows how the XYZ color 29.0332, 52.1437, 27.9366 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 29.0332, 52.1437, 27.9366 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 29.0332, 52.1437, 27.9366

Background



This preview shows how black text looks on a background with the XYZ color 29.0332, 52.1437, 27.9366.



This preview shows how white text looks on a background with the XYZ color 29.0332, 52.1437,

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

29.0332, 52.1437, 27.9366

Protanopia

47.1828, 51.3072, 23.3361

Deuteranopia

51.8783, 50.7765, 29.6208



Tritanopia

39.1607, 51.7568, 78.4471

Trichromacy



Original Color

29.0332, 52.1437, 27.9366



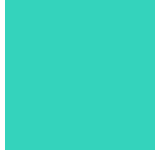
Protanomaly

33.6724, 47.9868, 24.6272



Deuteranomaly

34.9395, 46.5085, 28.6083



Tritanomaly

33.7875, 50.9494, 55.6304

Monochromacy



Original Color

29.0332, 52.1437, 27.9366



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

23.3212, 33.1275, 28.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0332, 52.1437, 27.9366 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, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 125)  
}
```

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, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.0332, 52.1437, 27.9366 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, 219, 125) }
```


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

```
.border{ border-color:rgb(0, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0332, 52.1437, 27.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 125) }
```

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

```
.background{ background-color: rgb(0, 219,  
125) }
```

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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