

Converting Colors

XYZ(27.2611, 45.9402, 31.0974)

Have a look what the booklet for
XYZ(27.2611, 45.9402, 31.0974)
contains.

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Color

**XYZ(27.2611, 45.9402,
31.0974)**

Conversions

Conversions Part 1

Format	Color
Hex	29CD89
RGB	41, 205, 137
RGB Percent	16%, 80%, 54%
CMY	0.8392, 0.1961, 0.4627
CMYK	0.80, 0.00, 0.33, 0.20
HSL	155°, 67%, 48%
HSV	155°, 80%, 80%
XYZ	27.2611, 45.9402, 31.0974
YIQ	148.2120, -75.9160, -55.9160

Conversions

Conversions Part 2

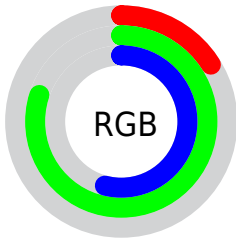
Format	Color
RYB	41, 144, 205
Decimal	2739593
CIELab	73.51, -56.06, 22.61
CIELCh	74, 60.453, 158.035
Yxy	45.9402, 0.2614, 0.4405
Android (android.graphics.Color)	4280929673 (0xFF29CD89)
YUV	148.2120, -5.5275, -94.0249
Hunter-Lab	67.7792, -46.8201, 20.2429

Details

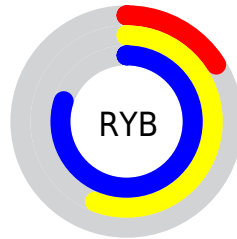
The XYZ color **27.2611, 45.9402, 31.0974** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **28.7316, 15.6701, 15.9802**, and the grayscale version is **28.2831, 29.7561, 32.4044**.

A 20% lighter version of the original color is **52.1034, 78.8590, 61.7654**, and **12.4677, 22.1830, 12.6415** is the 20% darker color. If you saturate the color by 10%, you get **26.0604, 45.3901, 27.9832**, and if you desaturate by 10%, it is **28.9376, 46.7324, 34.4867**.

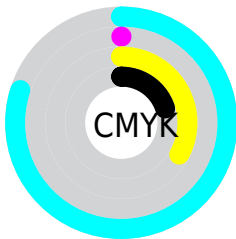
Distribution



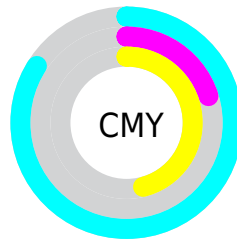
- Red (16%)
- Green (80%)
- Blue (54%)



- Red (16%)
- Yellow (56%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2611, 45.9402, 31.0974 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 27.2611, 45.9402, 31.0974 by changing the saturation by 10% instead.

■ 27.2611, 45.9402,
31.0974

■ 27.2611, 45.9402,
31.0974

281.0637,
370.5682, 321.3519

■ 17.9070, 32.1986,
20.4139

■ 54.7195, 84.1295,
62.4748

■ 10.9825, 21.5133,
12.5092

■ 73.5545, 109.3460,
84.0057

■ 6.1223, 13.4997,
6.9648

■ 96.2806, 139.1563,
109.9896

■ 2.9610, 7.7735,
3.3620

■ 123.2630,
173.9448, 140.8450

■ 1.1331, 3.9504,
1.2823

■ 154.8672,
214.0958, 176.9904

■ 0.0526, 1.6458,
0.0472

191.4584,

■ 0.0000, 0.3882,

259.9938, 218.8443

0.0000

233.4021,
312.0231, 266.8253

■ 0.0000, 0.0000,
0.0000

■ 27.2611, 45.9402,
31.0974

■ 27.2611, 45.9402,
31.0974

■ 26.0604, 45.3901,
27.9832

■ 28.9376, 46.7324,
34.4867

■ 25.2224, 45.0204,
25.1301

■ 31.1453, 47.7916,
38.1562

■ 25.2223, 45.0204,
25.1295

■ 33.9356, 49.1453,
42.1148

■ 37.3525, 50.8162,
46.3697

■ 41.4356, 52.8244,
50.9278

■ 46.2211, 55.1886,
55.7958

■ 51.7425, 57.9260,
60.9801

■ 58.0313, 61.0526,
66.4867

■ 65.1167, 64.5835,
72.3217

Harmonies

Analogous

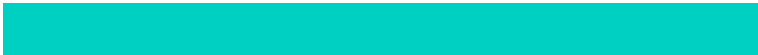
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1996, 45.9402, 16.5366



27.2611, 45.9402, 31.0974



26.3307, 45.9402, 58.6957

Triad

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



27.2611, 45.9402, 31.0974



46.5970, 45.9402, 133.7261



61.9092, 45.9402, 21.8402

Complementary

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



27.2611, 45.9402, 31.0974



28.7316, 15.6701, 15.9802

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.



67.3058, 45.9402, 42.2462



27.2611, 45.9402, 31.0974



57.5719, 45.9402, 112.0774

Square

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



27.2611, 45.9402, 31.0974



36.4284, 45.9402, 126.7433



65.6010, 45.9402, 75.3884



51.8012, 45.9402, 12.9111

Rectangle

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



27.2611, 45.9402, 31.0974



27.9376, 45.9402, 83.0495



65.6010, 45.9402, 75.3884



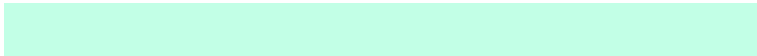
64.4036, 45.9402, 27.1667

Sweetspot

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



27.2623, 45.9420, 31.0985



72.1869, 88.6549, 87.8935



28.5808, 47.0971, 9.6826



14.8558, 18.6819, 18.2014



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.



27.2623, 45.9420, 31.0985



41.6784, 73.9021, 42.4193



30.6389, 42.2882, 64.3074



11.3388, 12.6453, 13.3417



15.7495, 28.0451, 15.8978



0.8497, 1.4617, 1.0163

Inverse Universe

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



28.7316, 15.6701, 15.9802



44.2590, 22.6447, 17.2816



26.9288, 15.8410, 3.7366



11.4020, 11.2895, 12.6516



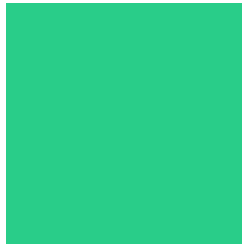
16.7393, 8.5063, 6.3457



0.9011, 0.4538, 0.5249

Previews

White Background



This preview shows how the XYZ color 27.2611, 45.9402, 31.0974 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 27.2611, 45.9402, 31.0974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

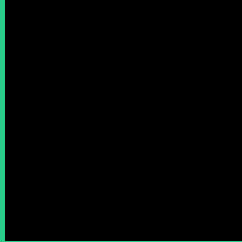
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2611, 45.9402, 31.0974

Background



This preview shows how black text looks on a background with the XYZ color 27.2611, 45.9402, 31.0974.

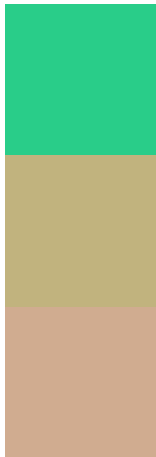


This preview shows how white text looks on a background with the XYZ color 27.2611, 45.9402,

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

27.2611, 45.9402, 31.0974

Protanopia

41.8783, 45.0840, 26.2335

Deuteranopia

45.7990, 44.9286, 32.6438



Tritanopia

34.9319, 45.9388, 69.3133

Trichromacy



Original Color

27.2611, 45.9402, 31.0974



Protanomaly

32.4937, 42.9814, 27.7027



Deuteranomaly

33.9808, 42.4071, 31.5937



Tritanomaly

31.4271, 45.5079, 53.0265

Monochromacy



Original Color

27.2611, 45.9402, 31.0974



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.5287, 33.6408, 31.5334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2611, 45.9402, 31.0974 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(41, 205, 137)` looks like.

```
.text, #text, p{  
    color:rgb(41, 205, 137)  
}
```

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(41, 205, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 205, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.2611, 45.9402, 31.0974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

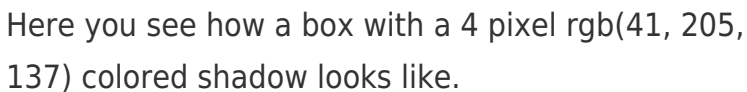
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 205, 137) }
```


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

```
.border{ border-color:rgb(41, 205, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 205, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 205, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 205, 137);  
box-shadow:4px 4px 4px 4px rgb(41, 205,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2611, 45.9402, 31.0974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 205, 137) }
```

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

```
.background{ background-color: rgb(41, 205,  
137) }
```

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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