

Converting Colors

XYZ(27.1821, 46.1869, 34.2704)

Have a look what the booklet for
XYZ(27.1821, 46.1869, 34.2704)
contains.

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Color

**XYZ(27.1821, 46.1869,
34.2704)**

Conversions

Conversions Part 1

Format	Color
Hex	00CE91
RGB	0, 206, 145
RGB Percent	0%, 81%, 57%
CMY	0.9999, 0.1921, 0.4314
CMYK	1.00, 0.00, 0.30, 0.19
HSL	162°, 100%, 40%
HSV	162°, 100%, 81%
XYZ	27.1821, 46.1869, 34.2704
YIQ	137.4520, -103.1950, -62.6430

Conversions

Conversions Part 2

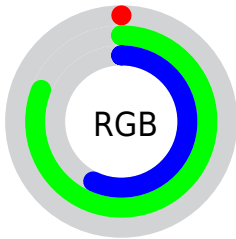
Format	Color
RYB	0, 121, 206
Decimal	52881
CIELab	73.67, -57.07, 18.55
CIELCh	74, 60.013, 161.992
Yxy	46.1869, 0.2525, 0.4291
Android (android.graphics.Color)	4278242961 (0xFF00CE91)
YUV	137.4520, 3.7212, -120.5454
Hunter-Lab	67.9609, -47.5376, 17.6747

Details

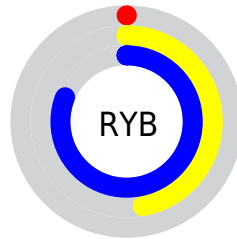
The XYZ color **27.1821, 46.1869, 34.2704** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **26.2976, 13.4598, 5.6298**, and the grayscale version is **23.9661, 25.2143, 27.4583**.

A 20% lighter version of the original color is **51.5483, 78.4683, 66.4619**, and **12.9267, 22.6208, 14.2746** is the 20% darker color. If you saturate the color by 10%, you get **27.1826, 46.1884, 34.2691**, and if you desaturate by 10%, it is **27.9676, 46.5372, 36.8304**.

Distribution



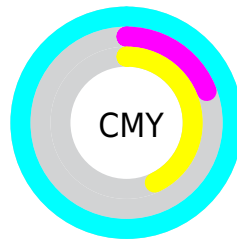
- Red (0%)
- Green (81%)
- Blue (57%)



- Red (0%)
- Yellow (47%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1821, 46.1869, 34.2704 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 27.1821, 46.1869, 34.2704 by changing the saturation by 10% instead.

■ 27.1821, 46.1869,
34.2704

■ 27.1821, 46.1869,
34.2704

280.6892,
371.5595, 336.1420

■ 17.8473, 32.3933,
22.8224

■ 54.5938, 84.4986,
67.4926

■ 10.9395, 21.6621,
14.2583

■ 73.4014, 109.7856,
90.1039

■ 6.0931, 13.6088,
8.1598

■ 96.0973, 139.6725,
117.2734

■ 2.9430, 7.8491,
4.1081

■ 123.0469,
174.5437, 149.4195

■ 1.1237, 3.9985,
1.6848

■ 154.6156,
214.7836, 186.9609

■ 0.0448, 1.6728,
0.3503

191.1686,

■ 0.0000, 0.4059,

260.7766, 230.3161

0.0000

233.0714,
312.9071, 279.9036

■ 0.0000, 0.0000,
0.0000

■ 27.1821, 46.1869,
34.2704

■ 27.1821, 46.1869,
34.2704

■ 27.1826, 46.1884,
34.2691

■ 27.9676, 46.5372,
36.8304

■ 29.0985, 47.0614,
39.5395

■ 30.6856, 47.8178,
42.4058

■ 32.7880, 48.8368,
45.4340

■ 35.4557, 50.1441,
48.6283

■ 38.7325, 51.7623,
51.9926

■ 42.6580, 53.7117,
55.5306

■ 47.2682, 56.0109,
59.2456

■ 52.5964, 58.6769,
63.1411

Harmonies

Analogous

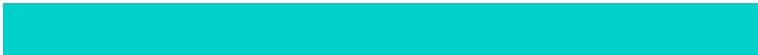
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5901, 46.1869, 18.1126



27.1821, 46.1869, 34.2704



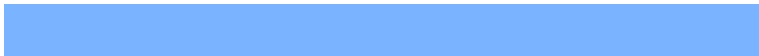
26.7806, 46.1869, 63.4664

Triad

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



27.1821, 46.1869, 34.2704



48.2868, 46.1869, 132.0828



60.9193, 46.1869, 20.4027

Complementary

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



27.1821, 46.1869, 34.2704



26.2976, 13.4598, 5.6298

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.



67.0943, 46.1869, 39.0760



27.1821, 46.1869, 34.2704



59.0510, 46.1869, 107.5834

Square

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



27.1821, 46.1869, 34.2704



37.8761, 46.1869, 129.0779



66.3600, 46.1869, 70.6544



50.5293, 46.1869, 12.6245

Rectangle

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



27.1821, 46.1869, 34.2704



28.7395, 46.1869, 88.1368



66.3600, 46.1869, 70.6544



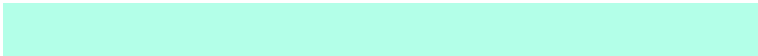
63.6269, 46.1869, 25.2053

Sweetspot

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



27.1833, 46.1887, 34.2715



68.8496, 86.8900, 89.7437



24.0472, 45.1624, 7.4504



14.1311, 18.2970, 18.6787



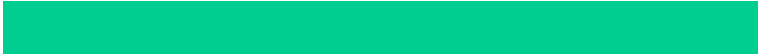
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1833, 46.1887, 34.2715



43.9456, 74.7942, 55.0248



24.5615, 31.2970, 63.1410



11.3962, 12.6682, 13.6438



16.7820, 28.4581, 21.3346



0.8981, 1.4810, 1.2707

Inverse Universe

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



26.2976, 13.4598, 5.6298



42.5278, 21.7751, 8.7114



26.2551, 14.7232, 1.4586



11.3467, 11.2674, 12.3606



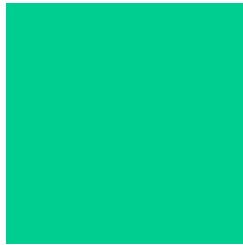
16.2297, 8.3025, 3.6624



0.8709, 0.4418, 0.3660

Previews

White Background



This preview shows how the XYZ color 27.1821, 46.1869, 34.2704 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 27.1821, 46.1869, 34.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

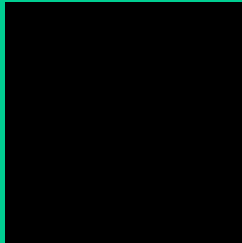
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1821, 46.1869, 34.2704

Background



This preview shows how black text looks on a background with the XYZ color 27.1821, 46.1869, 34.2704.

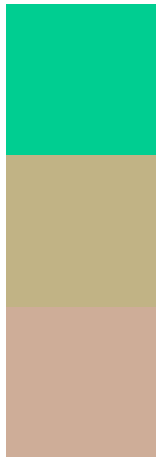


This preview shows how white text looks on a background with the XYZ color 27.1821, 46.1869,

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

27.1821, 46.1869, 34.2704

Protanopia

42.3461, 45.2711, 28.6966

Deuteranopia

46.0647, 45.2760, 36.0170



Tritanopia

34.4307, 46.0018, 70.0153

Trichromacy



Original Color

27.1821, 46.1869, 34.2704



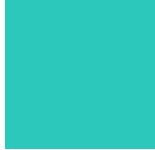
Protanomaly

30.8813, 42.4123, 30.2257



Deuteranomaly

32.1338, 41.6931, 34.7877



Tritanomaly

30.7701, 45.4749, 54.7327

Monochromacy



Original Color

27.1821, 46.1869, 34.2704



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.5844, 29.7603, 29.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1821, 46.1869, 34.2704 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, 206, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 145)  
}
```

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, 206, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.1821, 46.1869, 34.2704 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, 206, 145) }
```


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

```
.border{ border-color:rgb(0, 206, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1821, 46.1869, 34.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 145) }
```

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

```
.background{ background-color: rgb(0, 206,  
145) }
```

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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