

Converting Colors

XYZ(21.3807, 44.0220, 32.1199)

Have a look what the booklet for
XYZ(21.3807, 44.0220, 32.1199)
contains.

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Color

**XYZ(27.2895, 47.0052,
32.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	00D08C
RGB	0, 208, 140
RGB Percent	0%, 82%, 55%
CMY	0.9999, 0.1843, 0.4510
CMYK	1.00, 0.00, 0.33, 0.18
HSL	160°, 100%, 41%
HSV	160°, 100%, 82%
XYZ	27.2895, 47.0052, 32.4456
YIQ	138.0560, -102.1400, -65.2440

Conversions

Conversions Part 2

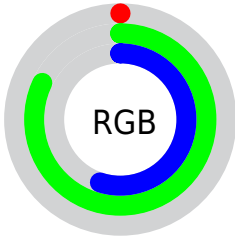
Format	Color
RYB	0, 124, 208
Decimal	53388
CIELab	74.19, -58.91, 21.92
CIELCh	74, 62.855, 159.591
Yxy	47.0052, 0.2557, 0.4404
Android (android.graphics.Color)	4278243468 (0xFF00D08C)
YUV	138.0560, 0.9584, -121.0751
Hunter-Lab	68.5603, -48.9311, 19.9337

Details

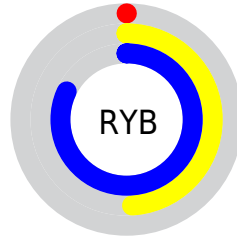
The XYZ color **27.2895, 47.0052, 32.4456** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **27.0576, 13.8284, 6.7152**, and the grayscale version is **24.2060, 25.4666, 27.7331**.

A 20% lighter version of the original color is **51.0911, 78.2986, 63.4593**, and **13.0314, 23.1777, 13.2381** is the 20% darker color. If you saturate the color by 10%, you get **27.2900, 47.0068, 32.4442**, and if you desaturate by 10%, it is **28.1132, 47.3713, 35.1846**.

Distribution



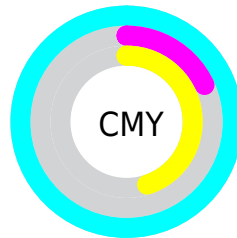
- Red (0%)
- Green (82%)
- Blue (55%)



- Red (0%)
- Yellow (49%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2895, 47.0052, 32.4456 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 27.2895, 47.0052, 32.4456 by changing the saturation by 10% instead.


 27.2895, 47.0052,
32.4456


 27.2895, 47.0052,
32.4456


281.1982,
374.8353, 327.6992


 17.9285, 33.0398,
21.4344


 54.7647, 85.7214,
64.6150


 10.9980, 22.1569,
13.2476


 73.6096, 111.2409,
86.6103


 6.1328, 13.9722,
7.4665


 96.3464, 141.3806,
113.1041

 2.9674, 8.1014,
3.6727

 123.3407,
176.5249, 144.5150

 1.1366, 4.1599,
1.4476

 154.9576,
217.0581, 181.2613

 0.0554, 1.7634,
0.1784

191.5626,

 0.0000, 0.4642,

263.3646, 223.7618

0.0000

233.5210,
315.8289, 272.4349

■ 0.0000, 0.0000,
0.0000

■ 27.2895, 47.0052,
32.4456

■ 27.2895, 47.0052,
32.4456

■ 27.2900, 47.0068,
32.4442

■ 28.1132, 47.3713,
35.1846

■ 29.2959, 47.9176,
38.1041

■ 30.9504, 48.7034,
41.2130

■ 33.1375, 49.7601,
44.5169

■ 35.9086, 51.1140,
48.0208

■ 39.3088, 52.7882,
51.7295

■ 43.3784, 54.8037,
55.6473

■ 48.1547, 57.1795,
59.7784

■ 53.6719, 59.9332,
64.1268

Harmonies

Analogous

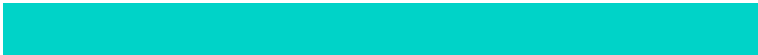
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.2409, 47.0052, 16.7053



27.2895, 47.0052, 32.4456



26.5353, 47.0052, 62.2324

Triad

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



27.2895, 47.0052, 32.4456



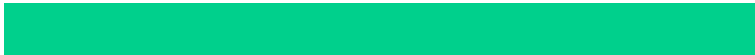
48.3855, 47.0052, 140.0028



63.5433, 47.0052, 20.9427

Complementary

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



27.2895, 47.0052, 32.4456



27.0576, 13.8284, 6.7152

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.



69.6314, 47.0052, 41.5216



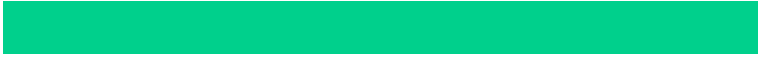
27.2895, 47.0052, 32.4456



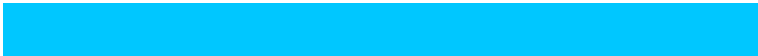
59.9590, 47.0052, 115.4493

Square

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



27.2895, 47.0052, 32.4456



37.5382, 47.0052, 134.1624



68.2195, 47.0052, 76.0169



52.6680, 47.0052, 12.2674

Rectangle

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



27.2895, 47.0052, 32.4456



28.3585, 47.0052, 88.3499



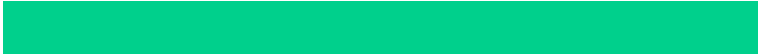
68.2195, 47.0052, 76.0169



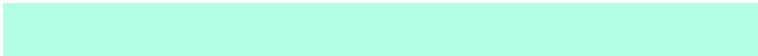
66.2941, 47.0052, 26.2447

Sweetspot

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



27.2907, 47.0071, 32.4467



68.5163, 86.7567, 87.9886



25.0358, 46.3914, 7.6355



14.0513, 18.2650, 18.2584



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.



27.2907, 47.0071, 32.4467



43.1706, 74.4842, 50.9436



26.3946, 34.5718, 64.9586



11.9871, 13.3386, 14.2886



17.0542, 29.3146, 20.4631



0.9892, 1.6534, 1.3320

Inverse Universe

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



27.0576, 13.8284, 6.7152



42.8158, 21.8903, 10.2280



26.6052, 14.5939, 1.4152



11.9658, 11.8711, 13.0958



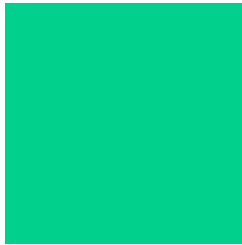
16.9026, 8.6339, 4.3934



0.9814, 0.4973, 0.4366

Previews

White Background



This preview shows how the XYZ color 27.2895, 47.0052, 32.4456 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 27.2895, 47.0052, 32.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

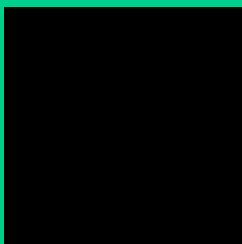
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

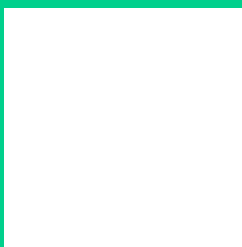
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2895, 47.0052, 32.4456

Background



This preview shows how black text looks on a background with the XYZ color 27.2895, 47.0052, 32.4456.



This preview shows how white text looks on a background with the XYZ color 27.2895, 47.0052,

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

27.2895, 47.0052, 32.4456

Protanopia

42.9258, 46.2084, 27.0787

Deuteranopia

47.0597, 46.1119, 34.4371



Tritanopia

35.3617, 47.1309, 71.5234

Trichromacy



Original Color

27.2895, 47.0052, 32.4456



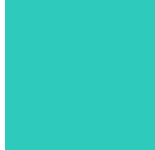
Protanomaly

31.1078, 43.2126, 28.5311



Deuteranomaly

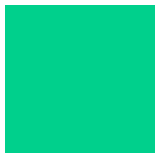
32.5013, 42.2305, 33.2264



Tritanomaly

31.3243, 46.4527, 54.8923

Monochromacy



Original Color

27.2895, 47.0052, 32.4456



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.7819, 30.1332, 29.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2895, 47.0052, 32.4456 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, 208, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 140)  
}
```

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, 208, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.2895, 47.0052, 32.4456 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, 208, 140) }
```


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

```
.border{ border-color:rgb(0, 208, 140) }
```

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

Here you see how a box with a 4 pixel rgb(0, 208, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2895, 47.0052, 32.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 140) }
```

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

```
.background{ background-color: rgb(0, 208,  
140) }
```

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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