

Converting Colors

XYZ(30.3198, 51.2189, 38.9669)

Have a look what the booklet for
XYZ(30.3198, 51.2189, 38.9669)
contains.

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Color

**XYZ(30.4262, 51.4642,
38.9018)**

Conversions

Conversions Part 1

Format	Color
Hex	03D89A
RGB	3, 216, 154
RGB Percent	1%, 85%, 60%
CMY	0.9881, 0.1529, 0.3961
CMYK	0.99, 0.00, 0.29, 0.15
HSL	163°, 97%, 43%
HSV	163°, 99%, 85%
XYZ	30.4262, 51.4642, 38.9018
YIQ	145.2450, -107.0460, -64.4380

Conversions

Conversions Part 2

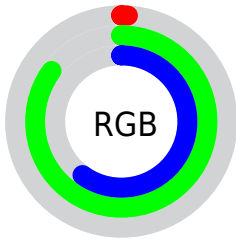
Format	Color
RYB	3, 128, 216
Decimal	252058
CIELab	76.96, -58.65, 18.36
CIELCh	77, 61.456, 162.619
Yxy	51.4642, 0.2519, 0.4261
Android (android.graphics.Color)	4278442138 (0xFF03D89A)
YUV	145.2450, 4.3162, -124.7489
Hunter-Lab	71.7386, -49.8359, 18.0657

Details

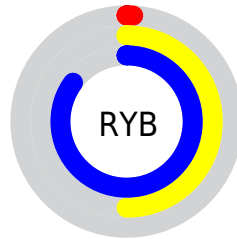
The XYZ color **30.4262, 51.4642, 38.9018** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **29.3078, 15.0472, 6.3654**, and the grayscale version is **27.0316, 28.4394, 30.9705**.

A 20% lighter version of the original color is **53.2125, 79.1876, 72.8018**, and **15.0190, 26.1209, 17.0822** is the 20% darker color. If you saturate the color by 10%, you get **30.3165, 51.4174, 38.5158**, and if you desaturate by 10%, it is **31.3192, 51.8638, 41.7510**.

Distribution



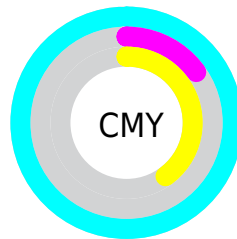
- Red (1%)
- Green (85%)
- Blue (60%)



- Red (1%)
- Yellow (50%)
- Blue (85%)



- Cyan (99%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)





- Cyan (99%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4262, 51.4642, 38.9018 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 30.4262, 51.4642, 38.9018 by changing the saturation by 10% instead.


 30.4262, 51.4642,
38.9018


 30.4262, 51.4642,
38.9018


295.7604,
392.3646, 356.8863


 20.3120, 36.5782,
26.3761


 59.7176, 92.3406,
74.7070


 12.7316, 24.8811,
16.8769

 79.6254, 119.0997,
98.8235


 7.3197, 15.9885,
9.9858


 103.5285,
150.5853, 127.6408

 3.7109, 9.5160,
5.2840

 131.7922,
187.1818, 161.5772

 1.5399, 5.0792,
2.3532

 164.7819,
229.2736, 201.0515

 0.3528, 2.2938,
0.7608

202.8629,

 0.0000, 0.7704,

277.2451, 246.4821

0.0000

246.4006,
331.4806, 298.2875

■ 0.0000, 0.0000,
0.0000

■ 30.4262, 51.4642,
38.9018

■ 30.4262, 51.4642,
38.9018

■ 30.3165, 51.4174,
38.5158

■ 31.3192, 51.8638,
41.7510

■ 32.6300, 52.4742,
44.7641

■ 34.4588, 53.3483,
47.9488

■ 36.8704, 54.5197,
51.3103

■ 39.9200, 56.0166,
54.8531

■ 43.6562, 57.8640,
58.5815

■ 48.1227, 60.0844,
62.4995

■ 53.3594, 62.6985,
66.6107

■ 59.4034, 65.7252,
70.9188

Harmonies

Analogous

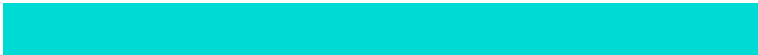
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.2030, 51.4642, 20.7273



30.4262, 51.4642, 38.9018



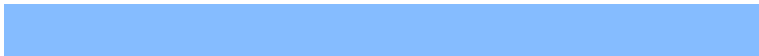
30.0749, 51.4642, 71.3308

Triad

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



30.4262, 51.4642, 38.9018



53.9990, 51.4642, 145.4101



67.4173, 51.4642, 22.7405

Complementary

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



30.4262, 51.4642, 38.9018



29.3078, 15.0472, 6.3654

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.



74.3301, 51.4642, 43.1001



30.4262, 51.4642, 38.9018



65.7929, 51.4642, 118.1121

Square

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



30.4262, 51.4642, 38.9018



42.4951, 51.4642, 142.8083



73.6922, 51.4642, 77.5808



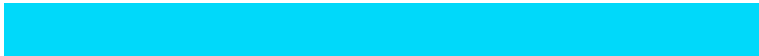
55.9513, 51.4642, 14.2847

Rectangle

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



30.4262, 51.4642, 38.9018



32.3015, 51.4642, 98.4596



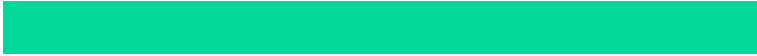
73.6922, 51.4642, 77.5808



70.4269, 51.4642, 27.9760

Sweetspot

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



30.4276, 51.4662, 38.9030



68.9044, 86.9120, 90.0322



26.8827, 50.3107, 8.3810



14.1442, 18.3022, 18.7479



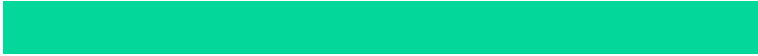
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4276, 51.4662, 38.9030



44.0763, 74.8465, 55.7130



27.4551, 35.0217, 70.2809



12.6309, 14.0434, 15.1369



17.9926, 30.4524, 23.0547



1.1204, 1.8508, 1.5759

Inverse Universe

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



29.3078, 15.0472, 6.3654



42.4840, 21.7576, 8.4808



29.2989, 16.5308, 1.7335



12.5705, 12.4797, 13.6784



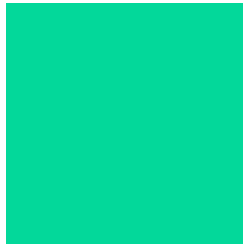
17.3320, 8.8691, 3.7865



1.0812, 0.5493, 0.4171

Previews

White Background



This preview shows how the XYZ color 30.4262, 51.4642, 38.9018 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 30.4262, 51.4642, 38.9018 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

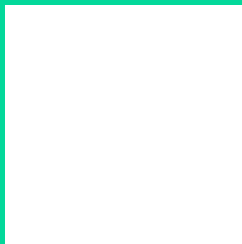
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4262, 51.4642, 38.9018

Background



This preview shows how black text looks on a background with the XYZ color 30.4262, 51.4642, 38.9018.

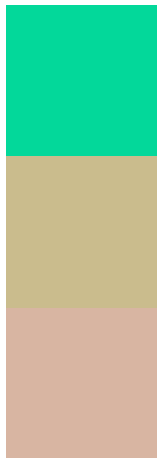


This preview shows how white text looks on a background with the XYZ color 30.4262, 51.4642,

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

30.4262, 51.4642, 38.9018

Protanopia

47.1481, 50.4461, 32.4514

Deuteranopia

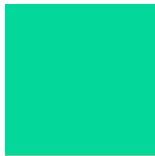
51.3644, 50.2553, 41.1755



Tritanopia

38.4399, 51.3852, 78.4133

Trichromacy



Original Color

30.4262, 51.4642, 38.9018



Protanomaly

34.5883, 47.2093, 34.4834



Deuteranomaly

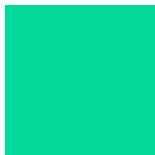
36.1973, 46.5757, 39.8831



Tritanomaly

34.5277, 50.8210, 62.0225

Monochromacy



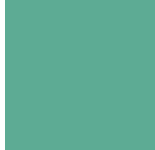
Original Color

30.4262, 51.4642, 38.9018



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.4224, 33.5911, 33.2135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4262, 51.4642, 38.9018 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(3, 216, 154)` looks like.

```
.text, #text, p{  
    color:rgb(3, 216, 154)  
}
```

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(3, 216, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 216, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.4262, 51.4642, 38.9018 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(3, 216, 154) }
```


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

```
.border{ border-color:rgb(3, 216, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 216, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 216, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 216, 154);  
box-shadow:4px 4px 4px 4px rgb(3, 216,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4262, 51.4642, 38.9018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 216, 154) }
```

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

```
.background{ background-color: rgb(3, 216,  
154) }
```

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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