

Converting Colors

XYZ(28.9091, 43.4738, 40.1253)

Have a look what the booklet for
XYZ(28.9091, 43.4738, 40.1253)
contains.

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Color

**XYZ(28.9091, 43.4738,
40.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC4A0
RGB	74, 196, 160
RGB Percent	29%, 77%, 63%
CMY	0.7098, 0.2314, 0.3725
CMYK	0.62, 0.00, 0.18, 0.23
HSL	162°, 51%, 53%
HSV	162°, 62%, 77%
XYZ	28.9091, 43.4738, 40.1253
YIQ	155.4180, -61.1560, -37.0600

Conversions

Conversions Part 2

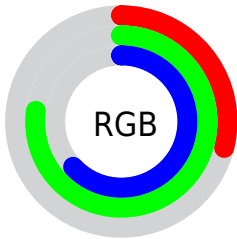
Format	Color
RYB	74, 146, 196
Decimal	4900000
CIELab	71.88, -42.52, 8.12
CIELCh	72, 43.287, 169.188
Yxy	43.4738, 0.2570, 0.3864
Android (android.graphics.Color)	4283090080 (0xFF4AC4A0)
YUV	155.4180, 2.2589, -71.4036
Hunter-Lab	65.9347, -37.1222, 10.0727

Details

The XYZ color **28.9091, 43.4738, 40.1253** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **28.0296, 17.7601, 16.7041**, and the grayscale version is **31.3517, 32.9845, 35.9201**.

A 20% lighter version of the original color is **57.2225, 80.2252, 76.7590**, and **12.2852, 20.1539, 17.7106** is the 20% darker color. If you saturate the color by 10%, you get **27.1346, 42.6172, 37.4628**, and if you desaturate by 10%, it is **31.1795, 44.5855, 42.9359**.

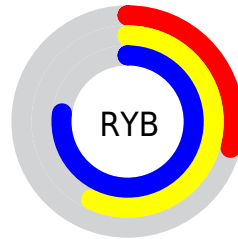
Distribution



Red (29%)

Green (77%)

Blue (63%)



Red (29%)

Yellow (57%)

Blue (77%)

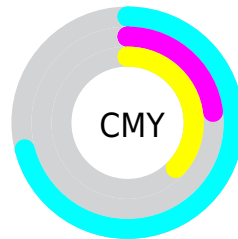


Cyan (62%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (71%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9091, 43.4738, 40.1253 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 28.9091, 43.4738, 40.1253 by changing the saturation by 10% instead.

■ 28.9091, 43.4738,
40.1253

■ 28.9091, 43.4738,
40.1253

288.7878,
360.5567, 362.2192

■ 19.1560, 30.2570,
27.3217

■ 57.3312, 80.4254,
76.5935

■ 11.8877, 20.0338,
17.5804

■ 76.7309, 104.9289,
101.0951

■ 6.7389, 12.4196,
10.4829

■ 100.0769,
133.9636, 130.3332

■ 3.3442, 7.0301,
5.6105

■ 127.7344,
167.9137, 164.7263

■ 1.3383, 3.4809,
2.5448

160.0689,
207.1637, 204.6929

■ 0.2116, 1.3877,
0.8638

197.4457,

■ 0.0000, 0.2076,

252.0979, 250.6515

0.0000

240.2302,
303.1008, 303.0208

■ 0.0000, 0.0000,
0.0000

■ 28.9091, 43.4738,
40.1253

■ 28.9091, 43.4738,
40.1253

■ 27.1346, 42.6172,
37.4628

■ 31.1795, 44.5855,
42.9359

■ 25.8069, 41.9872,
34.9414

■ 33.9821, 45.9677,
45.8950

■ 24.8724, 41.5572,
32.5581

■ 37.3538, 47.6405,
49.0068

■ 24.3400, 41.3211,
30.7998

■ 41.3271, 49.6206,
52.2744

■ 45.9319, 51.9234,
55.7008

■ 51.1962, 54.5633,
59.2888

■ 57.1463, 57.5538,
63.0411

■ 63.8070, 60.9076,
66.9603

■ 71.2018, 64.6369,
71.0489

Harmonies

Analogous

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



31.4992, 43.4738, 25.4619



28.9091, 43.4738, 40.1253



29.3332, 43.4738, 61.9614

Triad

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



28.9091, 43.4738, 40.1253



46.1536, 43.4738, 96.9227



51.2883, 43.4738, 22.7900

Complementary

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



28.9091, 43.4738, 40.1253



28.0296, 17.7601, 16.7041

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.



56.1961, 43.4738, 35.2140



28.9091, 43.4738, 40.1253



52.9967, 43.4738, 79.1123

Square

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



28.9091, 43.4738, 40.1253



38.7196, 43.4738, 99.4168



56.8560, 43.4738, 55.3617



44.0354, 43.4738, 17.6215

Rectangle

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



28.9091, 43.4738, 40.1253



31.2843, 43.4738, 77.8778



56.8560, 43.4738, 55.3617



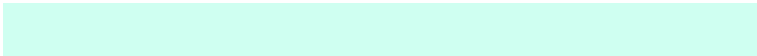
53.3020, 43.4738, 26.0492

Sweetspot

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



28.9103, 43.4755, 40.1263



77.1993, 91.0538, 96.4926



27.4826, 43.3297, 13.3941



16.0306, 19.2429, 20.2737



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.



28.9103, 43.4755, 40.1263



48.1162, 76.7049, 66.0365



27.4657, 34.7960, 57.4953



10.2378, 11.3762, 12.2554



15.6781, 26.5653, 19.9958



0.7064, 1.1594, 1.0166

Inverse Universe

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



28.0296, 17.7601, 16.7041



46.4609, 26.2593, 20.4487



28.4075, 21.0417, 9.0434



10.1928, 10.1257, 11.1056



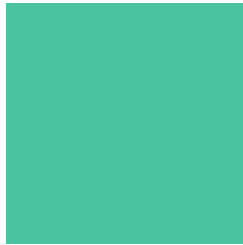
15.1488, 7.7493, 3.4299



0.6856, 0.3473, 0.3118

Previews

White Background



This preview shows how the XYZ color 28.9091, 43.4738, 40.1253 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 28.9091, 43.4738, 40.1253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

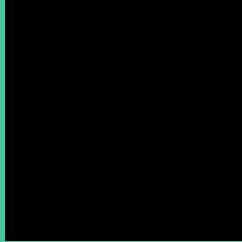
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9091, 43.4738, 40.1253

Background



This preview shows how black text looks on a background with the XYZ color 28.9091, 43.4738, 40.1253.



This preview shows how white text looks on a background with the XYZ color 28.9091, 43.4738,

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

28.9091, 43.4738, 40.1253

Protanopia

40.3280, 42.6324, 34.5371

Deuteranopia

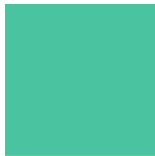
43.5766, 42.7312, 42.0276



Tritanopia

33.7473, 43.4588, 64.3673

Trichromacy



Original Color

28.9091, 43.4738, 40.1253



Protanomaly

33.9793, 41.6851, 36.3921



Deuteranomaly

35.5834, 41.4998, 41.2568



Tritanomaly

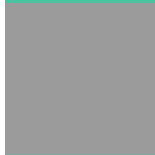
31.7813, 43.3047, 54.8277

Monochromacy



Original Color

28.9091, 43.4738, 40.1253



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.0647, 35.6194, 37.2416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9091, 43.4738, 40.1253 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(74, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(74, 196, 160)  
}
```

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(74, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 196, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.9091, 43.4738, 40.1253 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(74, 196, 160) }
```


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

```
.border{ border-color:rgb(74, 196, 160) }
```

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

Here you see how a box with a 4 pixel rgb(74, 196, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 196, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 196, 160);  
box-shadow:4px 4px 4px 4px rgb(74, 196,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9091, 43.4738, 40.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 196, 160) }
```

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

```
.background{ background-color: rgb(74, 196,  
160) }
```

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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