

Converting Colors

XYZ(29.3024, 42.0401, 39.3710)

Have a look what the booklet for
XYZ(29.3024, 42.0401, 39.3710)
contains.

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Color

**XYZ(29.3024, 42.0401,
39.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBF9F
RGB	92, 191, 159
RGB Percent	36%, 75%, 62%
CMY	0.6392, 0.2510, 0.3765
CMYK	0.52, 0.00, 0.17, 0.25
HSL	161°, 44%, 55%
HSV	161°, 52%, 75%
XYZ	29.3024, 42.0401, 39.3710
YIQ	157.7510, -48.7320, -30.9400

Conversions

Conversions Part 2

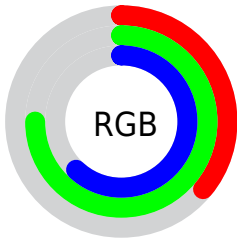
Format	Color
RYB	92, 151, 191
Decimal	6078367
CIELab	70.90, -36.79, 7.34
CIElCh	71, 37.515, 168.717
Yxy	42.0401, 0.2647, 0.3797
Android (android.graphics.Color)	4284268447 (0xFF5CBF9F)
YUV	157.7510, 0.6158, -57.6636
Hunter-Lab	64.8383, -32.7976, 9.3849

Details

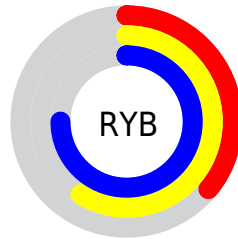
The XYZ color **29.3024, 42.0401, 39.3710** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.9525, 20.1869, 21.4408**, and the grayscale version is **32.4006, 34.0880, 37.1218**.

A 20% lighter version of the original color is **58.0994, 78.3794, 75.6849**, and **12.1591, 19.2352, 17.2593** is the 20% darker color. If you saturate the color by 10%, you get **27.1073, 40.9699, 36.5415**, and if you desaturate by 10%, it is **32.0076, 43.3723, 42.3659**.

Distribution



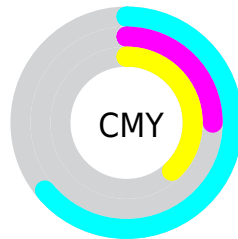
- Red (36%)
- Green (75%)
- Blue (62%)



- Red (36%)
- Yellow (59%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3024, 42.0401, 39.3710 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 29.3024, 42.0401, 39.3710 by changing the saturation by 10% instead.

■ 29.3024, 42.0401,
39.3710

■ 29.3024, 42.0401,
39.3710

290.6076,
354.6491, 358.9382

■ 19.4551, 29.1327,
26.7384

■ 57.9514, 78.2603,
75.4313

■ 12.1056, 19.1812,
17.1462

■ 77.4839, 102.3419,
99.6961

■ 6.8883, 11.8013,
10.1757

■ 100.9755,
130.9170, 128.6754

■ 3.4381, 6.6085,
5.4085

■ 128.7916,
164.3700, 162.7878

■ 1.3894, 3.2185,
2.4260

161.2975,
203.0854, 202.4517

■ 0.2487, 1.2468,
0.8005

198.8585,

■ 0.0000, 0.0995,

247.4474, 248.0857

0.0000

241.8401,
297.8405, 300.1083

■ 0.0000, 0.0000,
0.0000

■ 29.3024, 42.0401,
39.3710

■ 29.3024, 42.0401,
39.3710

■ 27.1073, 40.9699,
36.5415

■ 32.0076, 43.3723,
42.3659

■ 25.3815, 40.1376,
33.8709

■ 35.2528, 44.9786,
45.5268

■ 24.0836, 39.5228,
31.3558

■ 39.0696, 46.8765,
48.8582

■ 23.1628, 39.0995,
28.9920

■ 43.4862, 49.0804,
52.3632

■ 22.6114, 38.8550,
27.1682

■ 48.5290, 51.6037,
56.0448

■ 54.2224, 54.4592,
59.9061

■ 60.5899, 57.6589,
63.9500

■ 67.6536, 61.2141,
68.1793

■ 72.0820, 63.4072,
72.4397

Harmonies

Analogous

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



31.5978, 42.0401, 26.6296



29.3024, 42.0401, 39.3710



29.6312, 42.0401, 57.7184

Triad

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



29.3024, 42.0401, 39.3710



43.9356, 42.0401, 86.6743



48.4143, 42.0401, 24.4928

Complementary

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



29.3024, 42.0401, 39.3710



28.9525, 20.1869, 21.4408

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.



52.4418, 42.0401, 35.6037



29.3024, 42.0401, 39.3710



49.6760, 42.0401, 72.4152

Square

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



29.3024, 42.0401, 39.3710



37.6545, 42.0401, 88.4522



52.9262, 42.0401, 52.8373



42.3533, 42.0401, 19.6568

Rectangle

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



29.3024, 42.0401, 39.3710



31.3031, 42.0401, 70.8250



52.9262, 42.0401, 52.8373



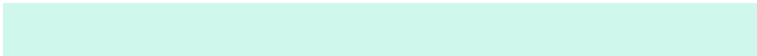
50.0767, 42.0401, 27.4604

Sweetspot

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



29.3036, 42.0418, 39.3720



74.2483, 86.0855, 90.9651



29.0213, 42.3960, 16.7795



15.9447, 18.7242, 19.6886



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.3036, 42.0418, 39.3720



48.1507, 73.1821, 64.8794



29.0517, 36.5041, 54.8070



9.6738, 10.7556, 11.5317



14.8975, 25.5493, 18.0547



0.6123, 1.0123, 0.8585

Inverse Universe

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



28.9525, 20.1869, 21.4408



47.4843, 29.8424, 29.4692



28.8343, 22.6810, 12.9839



9.6539, 9.5859, 10.5663



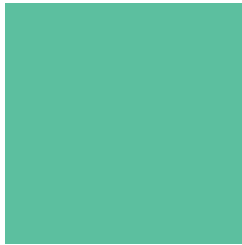
14.7201, 7.5192, 3.8197



0.6073, 0.3068, 0.3113

Previews

White Background



This preview shows how the XYZ color 29.3024, 42.0401, 39.3710 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 29.3024, 42.0401, 39.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

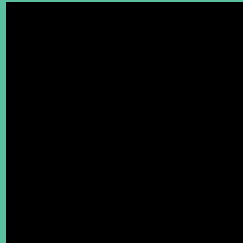
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3024, 42.0401, 39.3710

Background



This preview shows how black text looks on a background with the XYZ color 29.3024, 42.0401, 39.3710.



This preview shows how white text looks on a background with the XYZ color 29.3024, 42.0401,

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

29.3024, 42.0401, 39.3710

Protanopia

39.2334, 41.4987, 34.3760

Deuteranopia

42.2578, 41.5242, 40.9097



Tritanopia

33.4832, 41.8111, 60.9492

Trichromacy



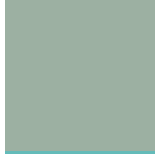
Original Color

29.3024, 42.0401, 39.3710



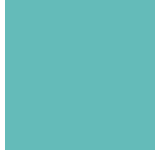
Protanomaly

34.2643, 40.9297, 36.2313



Deuteranomaly

35.7572, 40.7272, 40.1590



Tritanomaly

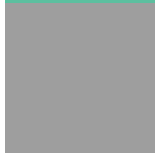
31.7828, 41.7528, 52.2829

Monochromacy



Original Color

29.3024, 42.0401, 39.3710



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.3778, 36.2864, 37.7506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3024, 42.0401, 39.3710 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(92, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(92, 191, 159)  
}
```

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(92, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 191, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.3024, 42.0401, 39.3710 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(92, 191, 159) }
```


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

```
.border{ border-color:rgb(92, 191, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(92, 191,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3024, 42.0401, 39.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 191, 159) }
```

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

```
.background{ background-color: rgb(92, 191,  
159) }
```

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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