

Converting Colors

XYZ(24.1191, 35.1321, 38.3797)

Have a look what the booklet for
XYZ(24.1191, 35.1321, 38.3797)
contains.

XYZ(24.0300, 35.0042, 38.2909) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(24.0300, 35.0042,
38.2909)**

Conversions

Conversions Part 1	
Format	Color
Hex	3FB19F
RGB	63, 177, 159
RGB Percent	25%, 69%, 62%
CMY	0.7529, 0.3059, 0.3765
CMYK	0.64, 0.00, 0.10, 0.31
HSL	171°, 47%, 47%
HSV	171°, 64%, 69%
XYZ	24.0300, 35.0042, 38.2909
YIQ	140.8620, -62.1660, -29.7660

Conversions

Conversions Part 2

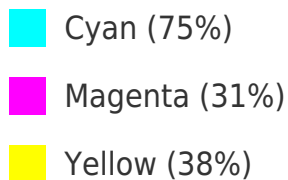
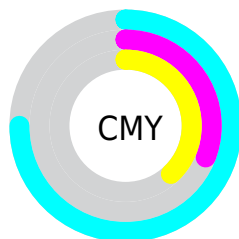
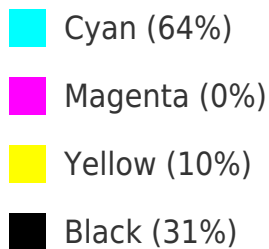
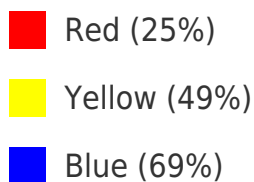
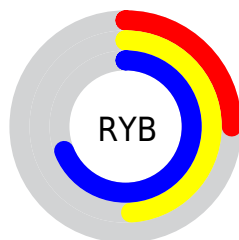
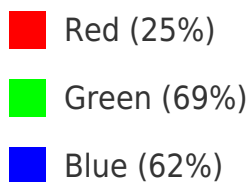
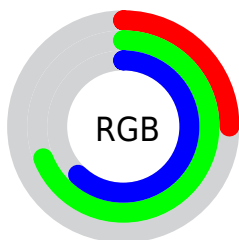
Format	Color
RYB	63, 125, 177
Decimal	4174239
CIELab	65.75, -36.22, -0.22
CIELCh	66, 36.219, 180.345
Yxy	35.0042, 0.2469, 0.3597
Android (android.graphics.Color)	4282364319 (0xFF3FB19F)
YUV	140.8620, 8.9420, -68.2850
Hunter-Lab	59.1643, -31.0386, 3.0428

Details

The XYZ color **24.0300, 35.0042, 38.2909** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.3953, 13.4971, 9.2632**, and the grayscale version is **25.2478, 26.5627, 28.9268**.

A 20% lighter version of the original color is **49.5887, 67.4180, 74.0177**, and **9.9144, 15.4980, 16.6562** is the 20% darker color. If you saturate the color by 10%, you get **22.8366, 34.4175, 36.9838**, and if you desaturate by 10%, it is **25.5943, 35.7831, 39.6455**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0300, 35.0042, 38.2909 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 24.0300, 35.0042, 38.2909 by changing the saturation by 10% instead.


 24.0300, 35.0042,
38.2909


 24.0300, 35.0042,
38.2909

265.4098,
324.5869, 354.2017


 15.4807, 23.6661,
25.9050

 49.5335, 67.4923,
73.7622


 9.2460, 15.0861,
16.5274

 67.2184, 89.4110,
97.6846


 4.9604, 8.8799,
9.7398


 88.6792, 115.6255,
126.2895

 2.2585, 4.6629,
5.1234

 114.2813,
146.5200, 159.9956

 0.7733, 2.0509,
2.2598

 144.3901,
182.4791, 199.2213

 0.0000, 0.6368,
0.7086


179.3709,


 0.0000, 0.0000,


223.8869, 244.3852


0.0000

219.5890,
271.1281, 295.9058

 24.0300, 35.0042,
38.2909


 24.0300, 35.0042,
38.2909


 22.8366, 34.4175,
36.9838


 25.5943, 35.7831,
39.6455


 21.9746, 34.0003,
35.7200


 27.5579, 36.7664,
41.0469


 21.4015, 33.7312,
34.4979


 29.9500, 37.9700,
42.4973

 21.1517, 33.6170,
33.8297


 32.7961, 39.4069,
43.9981

 36.1198, 41.0894,
45.5506

 39.9430, 43.0288,
47.1561

 44.2862, 45.2355,
48.8156

 49.1688, 47.7197,
50.5303

 54.6091, 50.4908,
52.3011

Harmonies

Analogous

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



25.1278, 35.0042, 25.3466



24.0300, 35.0042, 38.2909



25.1791, 35.0042, 54.9673

Triad

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



24.0300, 35.0042, 38.2909



38.7271, 35.0042, 69.5074



38.6088, 35.0042, 17.8582

Complementary

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



24.0300, 35.0042, 38.2909



21.3953, 13.4971, 9.2632

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.



42.9324, 35.0042, 25.1138



24.0300, 35.0042, 38.2909



43.0057, 35.0042, 54.5769

Square

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



24.0300, 35.0042, 38.2909



33.3323, 35.0042, 75.6898



44.6197, 35.0042, 37.9369



33.2087, 35.0042, 15.6361

Rectangle

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



24.0300, 35.0042, 38.2909



27.1436, 35.0042, 65.5041



44.6197, 35.0042, 37.9369



40.2561, 35.0042, 19.6732

Sweetspot

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



24.0310, 35.0056, 38.2917



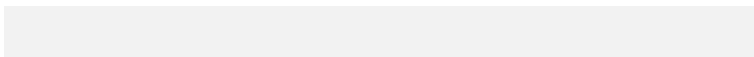
61.6494, 72.0486, 80.1973



20.1000, 33.5983, 10.1290



13.0070, 15.4352, 17.2124



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.0310, 35.0056, 38.2917



40.2276, 61.3119, 65.3403



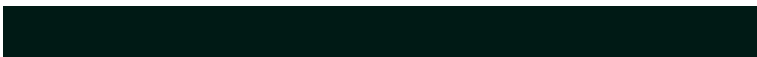
19.2194, 22.6975, 44.9645



8.6839, 9.6080, 10.5948



15.3430, 24.3632, 24.6070



0.4982, 0.7727, 0.8556

Inverse Universe

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



21.3953, 13.4971, 9.2632



35.2098, 19.8565, 9.7007



23.6835, 19.0145, 7.1252



8.5493, 8.5264, 9.1249



13.3034, 6.8389, 1.4918



0.4354, 0.2219, 0.1355

Previews

White Background



This preview shows how the XYZ color 24.0300, 35.0042, 38.2909 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 24.0300, 35.0042, 38.2909 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

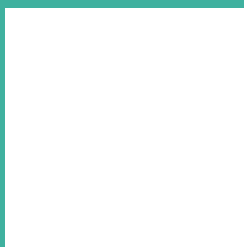
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0300, 35.0042, 38.2909

Background



This preview shows how black text looks on a background with the XYZ color 24.0300, 35.0042, 38.2909.

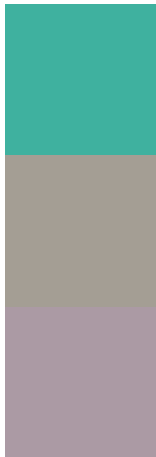


This preview shows how white text looks on a background with the XYZ color 24.0300, 35.0042,

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

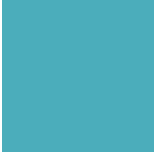
24.0300, 35.0042, 38.2909

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.0510, 34.4495, 39.9240



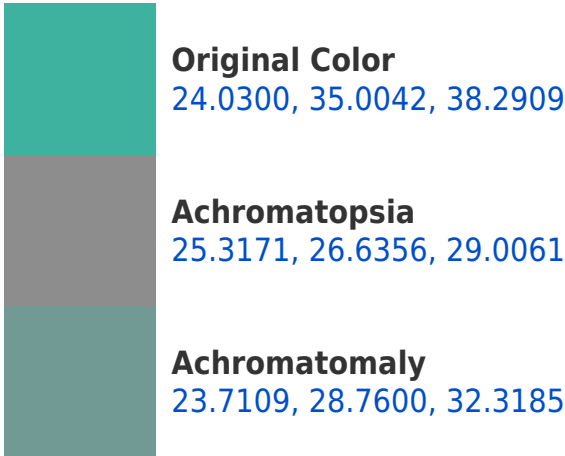
Tritanopia

26.8149, 34.9709, 52.3505

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0300, 35.0042, 38.2909 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(63, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(63, 177, 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(63, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 177, 159) }
```

Border

The CSS property to change the border of an element to XYZ 24.0300, 35.0042, 38.2909 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(63, 177, 159) }
```


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

```
.border{ border-color:rgb(63, 177, 159) }
```

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

Here you see how a box with a 4 pixel rgb(63, 177, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(63, 177,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0300, 35.0042, 38.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 177, 159) }
```

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

```
.background{ background-color: rgb(63, 177,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor