

Converting Colors

XYZ(34.2508, 51.1120, 59.0993)

Have a look what the booklet for
XYZ(34.2508, 51.1120, 59.0993)
contains.

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Color

**XYZ(34.2508, 51.1120,
59.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	30D3C2
RGB	48, 211, 194
RGB Percent	19%, 83%, 76%
CMY	0.8117, 0.1725, 0.2392
CMYK	0.77, 0.00, 0.08, 0.17
HSL	174°, 65%, 51%
HSV	174°, 77%, 83%
XYZ	34.2508, 51.1120, 59.0993
YIQ	160.3250, -91.6910, -39.8430

Conversions

Conversions Part 2

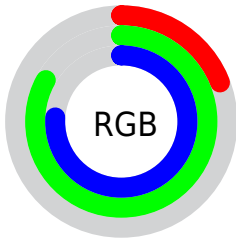
Format	Color
RYP	48, 134, 211
Decimal	3199938
CIELab	76.75, -43.96, -3.24
CIElCh	77, 44.083, 184.209
Yxy	51.1120, 0.2371, 0.3538
Android (android.graphics.Color)	4281390018 (0xFF30D3C2)
YUV	160.3250, 16.6018, -98.5090
Hunter-Lab	71.4927, -39.5961, 1.0329

Details

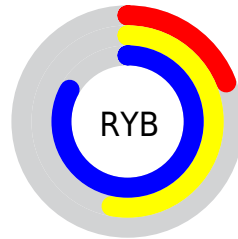
The XYZ color **34.2508, 51.1120, 59.0993** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.8768, 16.3459, 6.6360**, and the grayscale version is **33.5217, 35.2674, 38.4062**.

A 20% lighter version of the original color is **60.9005, 82.4871, 103.1543**, and **16.6962, 25.7000, 29.2799** is the 20% darker color. If you saturate the color by 10%, you get **33.2371, 50.6189, 57.7720**, and if you desaturate by 10%, it is **35.7441, 51.8542, 60.4704**.

Distribution



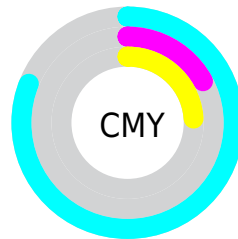
- Red (19%)
- Green (83%)
- Blue (76%)



- Red (19%)
- Yellow (53%)
- Blue (83%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)




- Cyan (81%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2508, 51.1120, 59.0993 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 34.2508, 51.1120, 59.0993 by changing the saturation by 10% instead.

 34.2508, 51.1120,
59.0993


 34.2508, 51.1120,
59.0993


312.8152,
390.9988, 438.9819


 23.2501, 36.2977,
42.2725


 65.6652, 91.8203,
105.0525


 14.9000, 24.6642,
28.9876


 86.8096, 118.4832,
135.0160


 8.8351, 15.8271,
18.8259


 112.0661,
149.8643, 170.1955

 4.6900, 9.4019,
11.3690

 141.7998,
186.3482, 211.0096

 2.0994, 5.0042,
6.1983

 176.3762,
228.3192, 257.8767

 0.6889, 2.2497,
2.8953

216.1607,

 0.0000, 0.7469,

276.1617, 311.2154

1.0414

261.5186,
330.2601, 371.4443

■ 0.0000, 0.0000,
0.0000

■ 34.2508, 51.1120,
59.0993

■ 34.2508, 51.1120,
59.0993

■ 33.2371, 50.6189,
57.7720

■ 35.7441, 51.8542,
60.4704

■ 32.6184, 50.3279,
56.4811

■ 37.7718, 52.8703,
61.8846

■ 32.4797, 50.2641,
56.1305

■ 40.3860, 54.1884,
63.3455

■ 43.6317, 55.8315,
64.8554

■ 47.5491, 57.8205,
66.4161

■ 52.1753, 60.1745,
68.0294

■ 57.5447, 62.9112,
69.6972

■ 63.6893, 66.0471,
71.4209

■ 70.6393, 69.5977,
73.2020

Harmonies

Analogous

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



35.4994, 51.1120, 37.9328



34.2508, 51.1120, 59.0993



36.4650, 51.1120, 85.7466

Triad

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



34.2508, 51.1120, 59.0993



58.1875, 51.1120, 103.0525



55.9135, 51.1120, 23.6463

Complementary

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



34.2508, 51.1120, 59.0993



28.8768, 16.3459, 6.6360

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.



63.1198, 51.1120, 33.5791



34.2508, 51.1120, 59.0993



64.5348, 51.1120, 78.1755

Square

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



34.2508, 51.1120, 59.0993



49.7696, 51.1120, 115.3306



66.4353, 51.1120, 52.3420



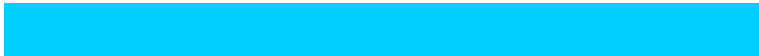
47.4104, 51.1120, 21.2138

Rectangle

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



34.2508, 51.1120, 59.0993



39.7748, 51.1120, 101.9575



66.4353, 51.1120, 52.3420



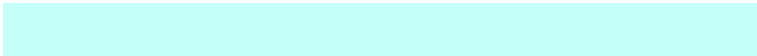
58.5983, 51.1120, 26.0442

Sweetspot

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



34.2523, 51.1139, 59.1005



75.6966, 90.1350, 102.9344



26.1454, 47.9979, 10.6839



15.6717, 19.0228, 21.8404



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.



34.2523, 51.1139, 59.1005



50.3265, 77.3751, 87.3389



23.6498, 26.6761, 65.5328



12.1030, 13.3850, 14.8989



19.6233, 30.3422, 33.9919



1.1129, 1.7028, 1.9830

Inverse Universe

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



28.8768, 16.3459, 6.6360



41.8824, 21.8592, 4.2578



33.0277, 25.3210, 5.9441



11.8581, 11.8280, 12.5288



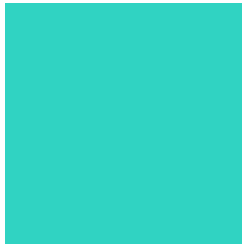
16.3180, 8.4000, 1.3147



0.9298, 0.4766, 0.1652

Previews

White Background



This preview shows how the XYZ color 34.2508, 51.1120, 59.0993 looks on a white background.

Color Contrast Check

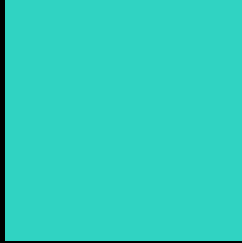
Large Text (above 18pt) WCAG AA × Fail

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 34.2508, 51.1120, 59.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

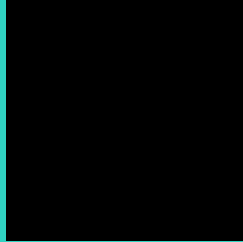
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

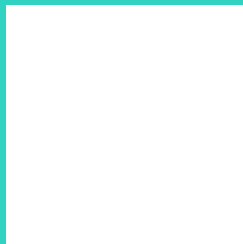
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2508, 51.1120, 59.0993

Background



This preview shows how black text looks on a background with the XYZ color 34.2508, 51.1120, 59.0993.

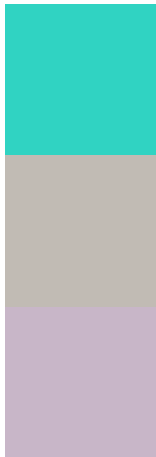


This preview shows how white text looks on a background with the XYZ color 34.2508, 51.1120,

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

34.2508, 51.1120, 59.0993

Protanopia

48.0009, 50.1734, 50.3345

Deuteranopia

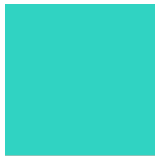
50.9727, 49.9054, 61.5897



Tritanopia

38.0160, 51.1823, 77.6876

Trichromacy



Original Color

34.2508, 51.1120, 59.0993



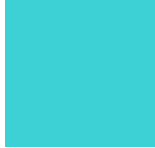
Protanomaly

39.3121, 48.5581, 53.1996



Deuteranomaly

40.9401, 48.2369, 60.5790



Tritanomaly

36.3640, 50.8573, 70.1872

Monochromacy



Original Color

34.2508, 51.1120, 59.0993



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

31.1742, 39.1407, 44.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2508, 51.1120, 59.0993 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(48, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(48, 211, 194)  
}
```

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(48, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 211, 194) }
```

Border

The CSS property to change the border of an element to XYZ 34.2508, 51.1120, 59.0993 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(48, 211, 194) }
```


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

```
.border{ border-color:rgb(48, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(48, 211,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2508, 51.1120, 59.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 211, 194) }
```

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

```
.background{ background-color: rgb(48, 211,  
194) }
```

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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