

Converting Colors

XYZ(31.9091, 53.0862, 34.9504)

Have a look what the booklet for
XYZ(31.9091, 53.0862, 34.9504)
contains.

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Color

**XYZ(31.9091, 53.0862,
34.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	3BDA90
RGB	59, 218, 144
RGB Percent	23%, 85%, 56%
CMY	0.7686, 0.1451, 0.4353
CMYK	0.73, 0.00, 0.34, 0.15
HSL	152°, 68%, 54%
HSV	152°, 73%, 85%
XYZ	31.9091, 53.0862, 34.9504
YIQ	162.0230, -71.0100, -56.7220

Conversions

Conversions Part 2

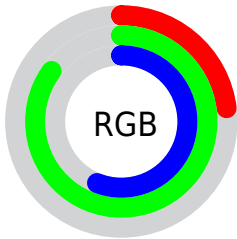
Format	Color
RYB	59, 163, 218
Decimal	3922576
CIELab	77.93, -57.35, 25.00
CIELCh	78, 62.560, 156.444
Yxy	53.0862, 0.2660, 0.4426
Android (android.graphics.Color)	4282112656 (0xFF3BDA90)
YUV	162.0230, -8.8853, -90.3512
Hunter-Lab	72.8603, -49.3316, 22.5613

Details

The XYZ color **31.9091, 53.0862, 34.9504** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **34.7129, 19.7281, 24.1711**, and the grayscale version is **34.4190, 36.2115, 39.4343**.

A 20% lighter version of the original color is **54.7054, 80.1092, 66.0054**, and **14.8961, 26.6310, 14.7111** is the 20% darker color. If you saturate the color by 10%, you get **30.1357, 52.2590, 31.0002**, and if you desaturate by 10%, it is **34.2942, 54.2235, 39.2954**.

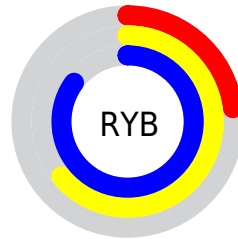
Distribution



Red (23%)

Green (85%)

Blue (56%)



Red (23%)

Yellow (64%)

Blue (85%)

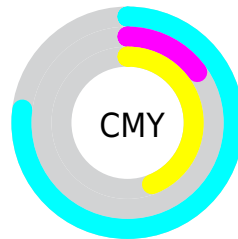


Cyan (73%)

Magenta (0%)

Yellow (34%)

Black (15%)



Cyan (77%)


Magenta (15%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9091, 53.0862, 34.9504 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 31.9091, 53.0862, 34.9504 by changing the saturation by 10% instead.


 31.9091, 53.0862,
34.9504


 31.9091, 53.0862,
34.9504


302.4576,
398.6157, 339.2470


 21.4473, 37.8716,
23.3414


 62.0347, 94.7312,
68.5596


 13.5657, 25.8830,
14.6381


 82.4292, 121.9304,
91.3969


 7.8989, 16.7362,
8.4220


 106.8654,
153.8932, 118.8141

 4.0816, 10.0466,
4.2745

 135.7085,
191.0040, 151.2297

 1.7484, 5.4298,
1.7771

 169.3239,
233.6473, 189.0623

 0.4863, 2.5016,
0.4128

208.0770,

 0.0000, 0.8774,

282.2075, 232.7303

0.0000

252.3331,
337.0688, 282.6523

■ 0.0000, 0.0000,
0.0000

■ 31.9091, 53.0862,
34.9504

■ 31.9091, 53.0862,
34.9504

■ 30.1357, 52.2590,
31.0002

■ 34.2942, 54.2235,
39.2954

■ 28.8957, 51.6976,
27.4282


■ 37.3483, 55.6960,
44.0437


■ 28.2562, 51.4182,
25.1235


■ 41.1265, 57.5333,
49.2078


■ 45.6767, 59.7600,
54.7985

■ 51.0426, 62.3984,
60.8261

 57.2645, 65.4690,
67.3006

 64.3800, 68.9912,
74.2315

 72.4243, 72.9828,
81.6280

 81.3540, 77.4213,
89.4956

Harmonies

Analogous

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



37.7984, 53.0862, 18.9252



31.9091, 53.0862, 34.9504



30.6002, 53.0862, 65.6507

Triad

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



31.9091, 53.0862, 34.9504



53.1277, 53.0862, 153.1905



71.7092, 53.0862, 26.4415

Complementary

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



31.9091, 53.0862, 34.9504



34.7129, 19.7281, 24.1711

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.



77.4514, 53.0862, 50.6049



31.9091, 53.0862, 34.9504



65.6662, 53.0862, 130.1722

Square

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



31.9091, 53.0862, 34.9504



41.6742, 53.0862, 143.5212



75.0789, 53.0862, 88.9200



60.3941, 53.0862, 15.5737

Rectangle

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



31.9091, 53.0862, 34.9504



32.2775, 53.0862, 93.0598



75.0789, 53.0862, 88.9200



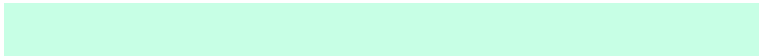
74.4315, 53.0862, 32.8080

Sweetspot

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



31.9105, 53.0883, 34.9516



73.4141, 89.2994, 87.4153



35.5671, 55.4637, 12.9694



15.2348, 18.8779, 18.1909



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.



31.9105, 53.0883, 34.9516



41.8633, 74.0252, 41.1726



38.1791, 53.4317, 74.6332



13.1760, 14.7220, 15.3899



16.9827, 30.8257, 15.3403



1.1436, 2.0144, 1.2223

Inverse Universe

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



34.7129, 19.7281, 24.1711



46.0957, 23.9696, 25.1339



31.5547, 18.9231, 6.1278



13.3069, 13.1519, 14.8776



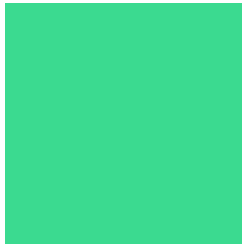
18.7963, 9.5196, 8.5734



1.2610, 0.6340, 0.7832

Previews

White Background



This preview shows how the XYZ color 31.9091, 53.0862, 34.9504 looks on a white background.

Color Contrast Check

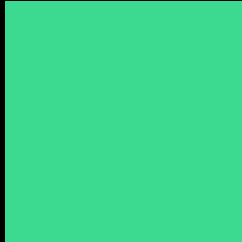
Large Text (above 18pt) WCAG AA × Fail

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 31.9091, 53.0862, 34.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

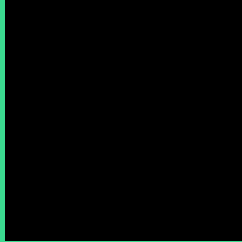
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

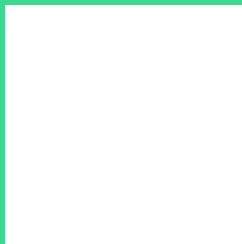
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9091, 53.0862, 34.9504

Background



This preview shows how black text looks on a background with the XYZ color 31.9091, 53.0862, 34.9504.



This preview shows how white text looks on a background with the XYZ color 31.9091, 53.0862, 34.9504.

34.9504.

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

31.9091, 53.0862, 34.9504

Protanopia

48.2493, 52.0494, 29.3333

Deuteranopia

53.0324, 51.8219, 36.9133



Tritanopia

40.6607, 52.8751, 79.2970

Trichromacy



Original Color

31.9091, 53.0862, 34.9504



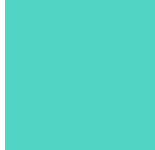
Protanomaly

38.4674, 50.3232, 30.9784



Deuteranomaly

40.2690, 49.4363, 35.8535



Tritanomaly

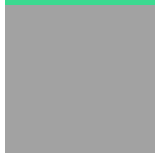
36.9006, 52.8218, 60.4753

Monochromacy



Original Color

31.9091, 53.0862, 34.9504



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.1018, 40.1824, 37.1271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9091, 53.0862, 34.9504 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(59, 218, 144)` looks like.

```
.text, #text, p{  
    color:rgb(59, 218, 144)  
}
```

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(59, 218, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 218, 144) }
```

Border

The CSS property to change the border of an element to XYZ 31.9091, 53.0862, 34.9504 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(59, 218, 144) }
```


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

```
.border{ border-color:rgb(59, 218, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 218, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 218, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 218, 144);  
box-shadow:4px 4px 4px 4px rgb(59, 218,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9091, 53.0862, 34.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 218, 144) }
```

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

```
.background{ background-color: rgb(59, 218,  
144) }
```

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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