

Converting Colors

XYZ(34.2244, 51.9900, 52.4872)

Have a look what the booklet for
XYZ(34.2244, 51.9900, 52.4872)
contains.

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Color

**XYZ(34.2244, 51.9900,
52.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	3ED5B6
RGB	62, 213, 182
RGB Percent	24%, 84%, 71%
CMY	0.7568, 0.1647, 0.2863
CMYK	0.71, 0.00, 0.15, 0.16
HSL	168°, 64%, 54%
HSV	168°, 71%, 84%
XYZ	34.2244, 51.9900, 52.4872
YIQ	164.3170, -80.0450, -41.6530

Conversions

Conversions Part 2

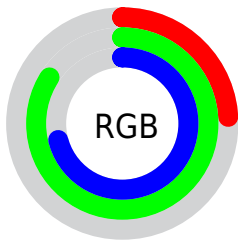
Format	Color
R _{YB}	62, 146, 213
Decimal	4117942
CIE _{Lab}	77.27, -46.33, 4.00
CIE _{LCh}	77, 46.504, 175.064
Yxy	51.9900, 0.2467, 0.3748
Android (android.graphics.Color)	4282308022 (0xFF3ED5B6)
YUV	164.3170, 8.7177, -89.7320
Hunter-Lab	72.1041, -41.4567, 7.3135

Details

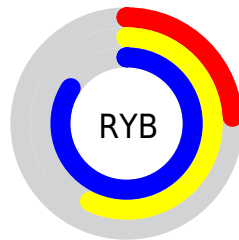
The XYZ color **34.2244, 51.9900, 52.4872** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **31.1408, 18.3833, 12.2653**, and the grayscale version is **35.4264, 37.2714, 40.5885**.

A 20% lighter version of the original color is **60.2459, 82.3602, 93.6107**, and **16.0194, 25.6989, 24.8850** is the 20% darker color. If you saturate the color by 10%, you get **32.6965, 51.2550, 50.0940**, and if you desaturate by 10%, it is **36.2925, 53.0044, 54.9817**.

Distribution



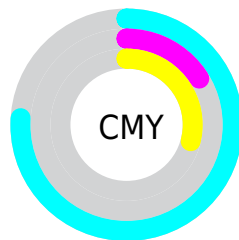
- Red (24%)
- Green (84%)
- Blue (71%)



- Red (24%)
- Yellow (57%)
- Blue (84%)



- Cyan (71%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (76%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2244, 51.9900, 52.4872 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 34.2244, 51.9900, 52.4872 by changing the saturation by 10% instead.


 34.2244, 51.9900,
52.4872


 34.2244, 51.9900,
52.4872


312.6998,
394.3980, 413.3249


 23.2297, 36.9971,
37.0086


 65.6245, 93.1165,
95.2832


 14.8849, 25.2052,
24.9183


 86.7606, 120.0189,
123.4378


 8.8244, 16.2300,
15.7978


 112.0079,
151.6599, 156.6548

 4.6830, 9.6871,
9.2284

 141.7317,
188.4239, 195.3528

 2.0953, 5.1920,
4.7916

 176.2975,
230.6953, 239.9502

 0.6867, 2.3603,
2.0689

216.0705,

 0.0000, 0.8054,

278.8586, 290.8657

0.5972

261.4162,
333.2980, 348.5178

■ 0.0000, 0.0000,
0.0000

■ 34.2244, 51.9900,
52.4872

■ 34.2244, 51.9900,
52.4872

■ 32.6965, 51.2550,
50.0940

■ 36.2925, 53.0044,
54.9817

■ 31.6392, 50.7597,
47.7947

■ 38.9512, 54.3203,
57.5770

■ 30.9819, 50.4649,
45.7771

■ 42.2500, 55.9645,
60.2772

■ 46.2317, 57.9591,
63.0851

■ 50.9356, 60.3244,
66.0030

■ 56.3978, 63.0788,
69.0333

■ 62.6521, 66.2399,
72.1781

■ 69.7302, 69.8239,
75.4396

■ 77.6619, 73.8463,
78.8198

Harmonies

Analogous

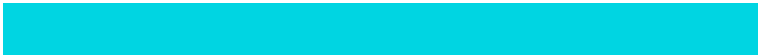
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.6486, 51.9900, 32.8858



34.2244, 51.9900, 52.4872



35.4530, 51.9900, 80.0647

Triad

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



34.2244, 51.9900, 52.4872



57.0408, 51.9900, 113.7618



59.8992, 51.9900, 25.1392

Complementary

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



34.2244, 51.9900, 52.4872



31.1408, 18.3833, 12.2653

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.



66.6317, 51.9900, 38.2489



34.2244, 51.9900, 52.4872



64.8472, 51.9900, 89.6446

Square

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



34.2244, 51.9900, 52.4872



47.9542, 51.9900, 120.9836



68.5429, 51.9900, 60.9396



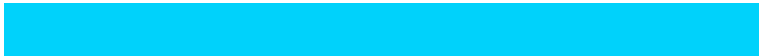
50.9050, 51.9900, 20.4240

Rectangle

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



34.2244, 51.9900, 52.4872



38.2661, 51.9900, 98.9737



68.5429, 51.9900, 60.9396



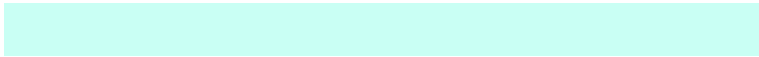
62.5427, 51.9900, 28.4753

Sweetspot

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



34.2259, 51.9920, 52.4884



76.2985, 90.5319, 99.0453



29.3555, 50.3562, 12.7311



15.8871, 19.1541, 20.9346



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.



34.2259, 51.9920, 52.4884



48.2636, 76.6148, 73.5428



28.4140, 34.6612, 68.1457



12.6779, 14.0621, 15.3840



18.9623, 30.8403, 28.1610



1.1719, 1.8714, 1.8470

Inverse Universe

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



31.1408, 18.3833, 12.2653



43.4929, 23.2830, 10.3353



33.3415, 24.5550, 7.5409



12.5265, 12.4621, 13.4468



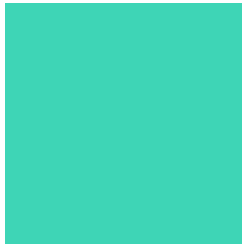
17.0665, 8.7629, 2.3881



1.0598, 0.5407, 0.3041

Previews

White Background



This preview shows how the XYZ color 34.2244, 51.9900, 52.4872 looks on a white background.

Color Contrast Check

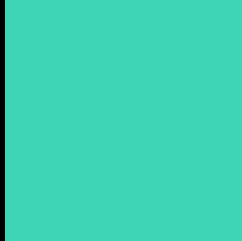
Large Text (above 18pt) WCAG AA × Fail

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 34.2244, 51.9900, 52.4872 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

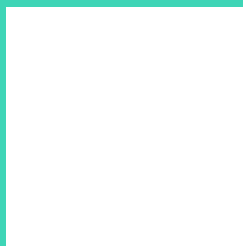
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2244, 51.9900, 52.4872

Background



This preview shows how black text looks on a background with the XYZ color 34.2244, 51.9900, 52.4872.

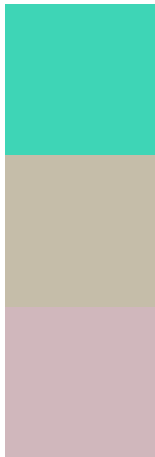


This preview shows how white text looks on a background with the XYZ color 34.2244, 51.9900,

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

34.2244, 51.9900, 52.4872

Protanopia

48.3850, 51.1301, 44.8550

Deuteranopia

52.0230, 50.9077, 54.6612



Tritanopia

39.3346, 51.8465, 78.4552

Trichromacy



Original Color

34.2244, 51.9900, 52.4872



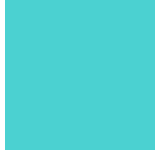
Protanomaly

40.0468, 49.7401, 47.5345



Deuteranomaly

41.6723, 49.0973, 53.7347



Tritanomaly

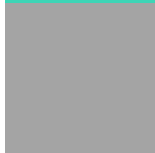
37.2107, 51.7002, 68.3395

Monochromacy



Original Color

34.2244, 51.9900, 52.4872



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.8310, 40.9082, 44.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2244, 51.9900, 52.4872 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(62, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(62, 213, 182)  
}
```

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(62, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.2244, 51.9900, 52.4872 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(62, 213, 182) }
```


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

```
.border{ border-color:rgb(62, 213, 182) }
```

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

Here you see how a box with a 4 pixel rgb(62, 213, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(62, 213,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2244, 51.9900, 52.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 213, 182) }
```

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

```
.background{ background-color: rgb(62, 213,  
182) }
```

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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