

Converting Colors

XYZ(32.7242, 50.2327, 50.8825)

Have a look what the booklet for
XYZ(32.7242, 50.2327, 50.8825)
contains.

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Color

**XYZ(32.5995, 50.0779,
50.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	34D2B3
RGB	52, 210, 179
RGB Percent	20%, 82%, 70%
CMY	0.7960, 0.1765, 0.2980
CMYK	0.75, 0.00, 0.15, 0.18
HSL	168°, 64%, 51%
HSV	168°, 75%, 82%
XYZ	32.5995, 50.0779, 50.5957
YIQ	159.2240, -84.2170, -43.1370

Conversions

Conversions Part 2

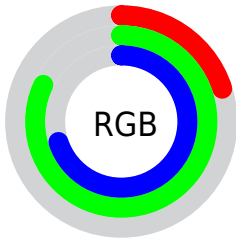
Format	Color
RYB	52, 140, 210
Decimal	3461811
CIELab	76.12, -47.06, 3.91
CIELCh	76, 47.224, 175.248
Yxy	50.0779, 0.2446, 0.3758
Android (android.graphics.Color)	4281651891 (0xFF34D2B3)
YUV	159.2240, 9.7496, -94.0354
Hunter-Lab	70.7657, -41.6108, 7.1452

Details

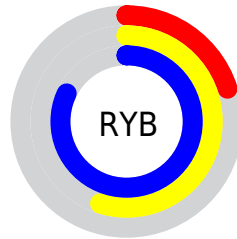
The XYZ color **32.5995, 50.0779, 50.5957** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **29.3694, 16.7837, 9.8775**, and the grayscale version is **33.0434, 34.7642, 37.8583**.

A 20% lighter version of the original color is **58.7814, 81.6557, 91.2603**, and **15.3215, 24.6176, 23.6828** is the 20% darker color. If you saturate the color by 10%, you get **31.3389, 49.4767, 48.3944**, and if you desaturate by 10%, it is **34.3558, 50.9356, 52.8874**.

Distribution



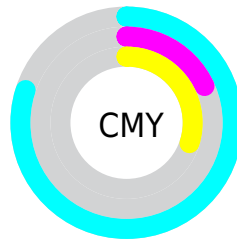
- Red (20%)
- Green (82%)
- Blue (70%)



- Red (20%)
- Yellow (55%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)





- Cyan (80%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5995, 50.0779, 50.5957 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 32.5995, 50.0779, 50.5957 by changing the saturation by 10% instead.


 32.5995, 50.0779,
50.5957


 32.5995, 50.0779,
50.5957


305.5382,
386.9705, 405.7926


 21.9776, 35.4753,
35.5125


 63.1086, 90.2903,
92.4622


 13.9569, 24.0292,
23.7712


 83.7265, 116.6689,
120.0826


 8.1722, 15.3553,
14.9533

 108.4071,
147.7415, 152.7191

 4.2581, 9.0691,
8.6404

 137.5158,
183.8927, 190.7903

 1.8491, 4.7863,
4.4138

 171.4179,
225.5068, 234.7147

 0.5470, 2.1224,
1.8550

210.4787,

 0.0000, 0.6772,

272.9682, 284.9109

0.4639

255.0637,
326.6613, 341.7973

■ 0.0000, 0.0000,
0.0000

■ 32.5995, 50.0779,
50.5957

■ 32.5995, 50.0779,
50.5957

■ 31.3389, 49.4767,
48.3944

■ 34.3558, 50.9356,
52.8874

■ 30.5005, 49.0905,
46.2763

■ 36.6602, 52.0733,
55.2692

■ 30.1897, 48.9517,
45.2935

■ 39.5631, 53.5180,
57.7452

■ 43.1077, 55.2920,
60.3178

■ 47.3334, 57.4157,
62.9895

■ 52.2763, 59.9076,
65.7625

■ 57.9700, 62.7850,
68.6389

■ 64.4458, 66.0641,
71.6206

■ 71.7333, 69.7602,
74.7096

Harmonies

Analogous

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



34.9628, 50.0779, 31.2350



32.5995, 50.0779, 50.5957



33.8299, 50.0779, 78.0153

Triad

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



32.5995, 50.0779, 50.5957



55.2153, 50.0779, 111.4100



57.9495, 50.0779, 23.5314

Complementary

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



32.5995, 50.0779, 50.5957



29.3694, 16.7837, 9.8775

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.



64.6700, 50.0779, 36.2998



32.5995, 50.0779, 50.5957



62.9595, 50.0779, 87.2159

Square

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



32.5995, 50.0779, 50.5957



46.2045, 50.0779, 118.7795



66.6077, 50.0779, 58.6554



49.0183, 50.0779, 18.9992

Rectangle

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



32.5995, 50.0779, 50.5957



36.6140, 50.0779, 96.8750



66.6077, 50.0779, 58.6554



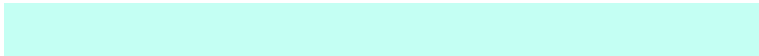
60.5835, 50.0779, 26.7653

Sweetspot

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



32.6009, 50.0798, 50.5969



74.8681, 89.8036, 98.5717



27.2886, 48.2096, 11.1171



15.4681, 18.9414, 20.7680



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.



32.6009, 50.0798, 50.5969



47.8022, 76.3846, 73.1759



26.0771, 31.4380, 65.6686



12.0548, 13.3657, 14.6449



18.4507, 29.8732, 27.8174



1.0577, 1.6807, 1.6924

Inverse Universe

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



29.3694, 16.7837, 9.8775



42.7208, 22.4258, 7.9598



31.6999, 22.9513, 6.0092



11.9022, 11.8456, 12.7608



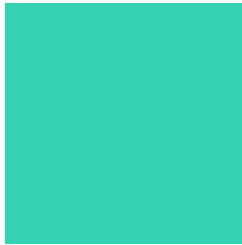
16.4872, 8.4677, 2.2061



0.9504, 0.4849, 0.2734

Previews

White Background



This preview shows how the XYZ color 32.5995, 50.0779, 50.5957 looks on a white background.

Color Contrast Check

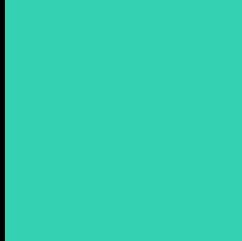
Large Text (above 18pt) WCAG AA × Fail

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 32.5995, 50.0779, 50.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

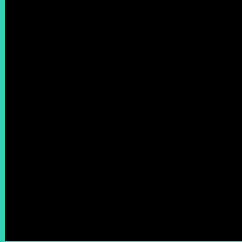
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

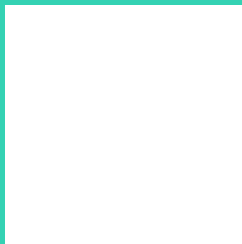
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5995, 50.0779, 50.5957

Background



This preview shows how black text looks on a background with the XYZ color 32.5995, 50.0779, 50.5957.



This preview shows how white text looks on a background with the XYZ color 32.5995, 50.0779,

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

32.5995, 50.0779, 50.5957

Protanopia

46.6900, 49.3403, 43.1392

Deuteranopia

50.0860, 49.0251, 53.2773



Tritanopia

37.6245, 49.9427, 76.0635

Trichromacy



Original Color

32.5995, 50.0779, 50.5957



Protanomaly

38.0211, 47.7213, 45.7353



Deuteranomaly

39.5725, 47.0701, 51.7995



Tritanomaly

35.5266, 49.7921, 66.1309

Monochromacy



Original Color

32.5995, 50.0779, 50.5957



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

30.5491, 38.5870, 41.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5995, 50.0779, 50.5957 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(52, 210, 179)` looks like.

```
.text, #text, p{  
    color:rgb(52, 210, 179)  
}
```

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(52, 210, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 210, 179) }
```

Border

The CSS property to change the border of an element to XYZ 32.5995, 50.0779, 50.5957 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(52, 210, 179) }
```


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

```
.border{ border-color:rgb(52, 210, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 210, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 210, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 210, 179);  
box-shadow:4px 4px 4px 4px rgb(52, 210,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5995, 50.0779, 50.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 210, 179) }
```

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

```
.background{ background-color: rgb(52, 210,  
179) }
```

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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