

Converting Colors

XYZ(31.4621, 43.5471, 39.5174)

Have a look what the booklet for
XYZ(31.4621, 43.5471, 39.5174)
contains.

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Color

**XYZ(31.4143, 43.4537,
39.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC09F
RGB	109, 192, 159
RGB Percent	43%, 75%, 62%
CMY	0.5725, 0.2470, 0.3765
CMYK	0.43, 0.00, 0.17, 0.25
HSL	156°, 40%, 59%
HSV	156°, 43%, 75%
XYZ	31.4143, 43.4537, 39.5326
YIQ	163.4210, -38.8750, -27.8590

Conversions

Conversions Part 2

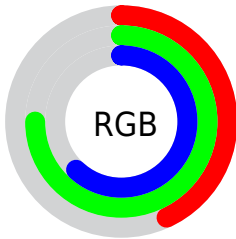
Format	Color
RYB	109, 161, 192
Decimal	7192735
CIELab	71.86, -33.01, 8.81
CIELCh	72, 34.169, 165.065
Yxy	43.4537, 0.2746, 0.3798
Android (android.graphics.Color)	4285382815 (0xFF6DC09F)
YUV	163.4210, -2.1796, -47.7272
Hunter-Lab	65.9194, -30.2937, 10.5867

Details

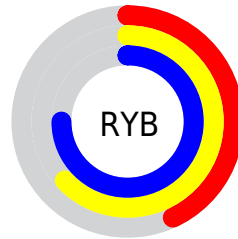
The XYZ color **31.4143, 43.4537, 39.5326** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **32.0908, 24.0977, 28.5527**, and the grayscale version is **35.0359, 36.8605, 40.1411**.

A 20% lighter version of the original color is **61.3231, 80.4989, 75.9241**, and **13.3166, 20.0439, 17.3544** is the 20% darker color. If you saturate the color by 10%, you get **28.6634, 42.1109, 36.0523**, and if you desaturate by 10%, it is **34.7244, 45.0823, 43.2545**.

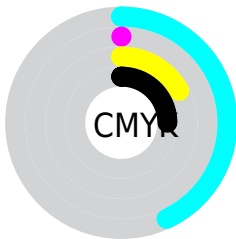
Distribution



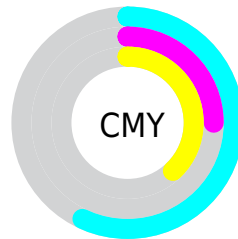
- Red (43%)
- Green (75%)
- Blue (62%)



- Red (43%)
- Yellow (63%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4143, 43.4537, 39.5326 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 31.4143, 43.4537, 39.5326 by changing the saturation by 10% instead.

■ 31.4143, 43.4537,
39.5326

■ 31.4143, 43.4537,
39.5326

300.2354,
360.4743, 359.6429

■ 21.0679, 30.2413,
26.8633

■ 61.2632, 80.3951,
75.6805

■ 13.2864, 20.0218,
17.2391

■ 81.4964, 104.8928,
99.9962

■ 7.7044, 12.4109,
10.2413

■ 105.7559,
133.9210, 129.0312

■ 3.9566, 7.0242,
5.4516

■ 134.4070,
167.8642, 163.2038

■ 1.6776, 3.4772,
2.4512

167.8152,
207.1068, 202.9328

■ 0.4422, 1.3857,
0.8141

206.3457,

■ 0.0000, 0.2061,

252.0330, 248.6366

0.0000

250.3640,
303.0274, 300.7338

■ 0.0000, 0.0000,
0.0000

■ 31.4143, 43.4537,
39.5326

■ 31.4143, 43.4537,
39.5326

■ 28.6634, 42.1109,
36.0523

■ 34.7244, 45.0823,
43.2545

■ 26.4335, 41.0309,
32.8053

■ 38.6217, 47.0077,
47.2204

■ 24.6869, 40.1955,
29.7868


■ 43.1366, 49.2466,
51.4361


■ 23.3793, 39.5819,
26.9907


■ 48.2963, 51.8129,
55.9065

■ 22.4572, 39.1628,
24.4103


■ 54.1261, 54.7197,
60.6363

 21.9832, 38.9540,
22.7802

 60.6503, 57.9792,
65.6299

 67.8917, 61.6034,
70.8917

 73.0187, 64.1322,
76.2926

 74.0537, 64.5462,
81.7430

Harmonies

Analogous

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



33.8824, 43.4537, 28.1118



31.4143, 43.4537, 39.5326



31.4197, 43.4537, 56.1322

Triad

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



31.4143, 43.4537, 39.5326



44.2756, 43.4537, 85.4519



49.7112, 43.4537, 28.0757

Complementary

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



31.4143, 43.4537, 39.5326



32.0908, 24.0977, 28.5527

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.



53.0641, 43.4537, 39.4708



31.4143, 43.4537, 39.5326



49.7313, 43.4537, 73.7208

Square

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



31.4143, 43.4537, 39.5326



38.4867, 43.4537, 85.4796



53.0718, 43.4537, 56.0542



44.2501, 43.4537, 22.6313

Rectangle

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



31.4143, 43.4537, 39.5326



32.8104, 43.4537, 68.1932



53.0718, 43.4537, 56.0542



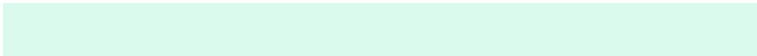
51.1439, 43.4537, 31.2010

Sweetspot

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



31.4155, 43.4555, 39.5336



78.1763, 89.2376, 93.2120



32.8010, 44.5738, 21.3434



16.3590, 18.9397, 19.6235



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.4155, 43.4555, 39.5336



52.1134, 76.3866, 65.5638



32.9007, 41.2152, 56.0926



10.1935, 11.3584, 12.0220



14.8310, 26.2264, 15.5347



0.6740, 1.1465, 0.8462

Inverse Universe

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



32.0908, 24.0977, 28.5527



53.5092, 36.6909, 43.1006



30.8961, 25.1042, 17.6857



10.2354, 10.1428, 11.3300



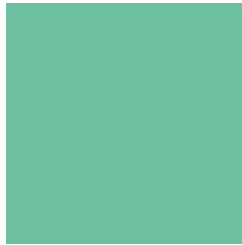
15.5494, 7.9095, 5.5391



0.7058, 0.3553, 0.4183

Previews

White Background



This preview shows how the XYZ color 31.4143, 43.4537, 39.5326 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 31.4143, 43.4537, 39.5326 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 31.4143, 43.4537, 39.5326

Background



This preview shows how black text looks on a background with the XYZ color 31.4143, 43.4537, 39.5326.



This preview shows how white text looks on a background with the XYZ color 31.4143, 43.4537,

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

31.4143, 43.4537, 39.5326

Protanopia

40.6022, 43.0523, 35.0241

Deuteranopia

43.6538, 42.7920, 41.0808



Tritanopia

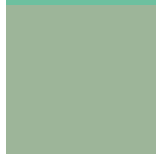
35.8472, 43.3279, 61.7321

Trichromacy



Original Color

31.4143, 43.4537, 39.5326



Protanomaly

36.1783, 42.5158, 36.4366



Deuteranomaly

37.5536, 41.9454, 40.2994



Tritanomaly

34.0486, 43.2246, 53.0030

Monochromacy



Original Color

31.4143, 43.4537, 39.5326



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.9853, 38.7204, 39.9177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4143, 43.4537, 39.5326 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(109, 192, 159)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 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(109, 192, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.4143, 43.4537, 39.5326 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(109, 192, 159) }
```


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

```
.border{ border-color:rgb(109, 192, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 192, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 192, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 192, 159);  
box-shadow:4px 4px 4px 4px rgb(109, 192,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4143, 43.4537, 39.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 159) }
```

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

```
.background{ background-color: rgb(109,  
192, 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](#).

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