

Converting Colors

XYZ(29.2593, 32.1587, 19.9358)

Have a look what the booklet for
XYZ(29.2593, 32.1587, 19.9358)
contains.

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Color

**XYZ(29.3439, 32.1896,
19.9959)**

Conversions

Conversions Part 1

Format	Color
Hex	A19B70
RGB	161, 155, 112
RGB Percent	63%, 61%, 44%
CMY	0.3686, 0.3921, 0.5608
CMYK	0.00, 0.04, 0.30, 0.37
HSL	53°, 21%, 54%
HSV	53°, 30%, 63%
XYZ	29.3439, 32.1896, 19.9959
YIQ	151.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

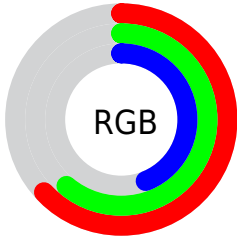
Format	Color
RYB	119, 161, 112
Decimal	10591088
CIELab	63.50, -4.74, 23.39
CIELCh	63, 23.861, 101.450
Yxy	32.1896, 0.3599, 0.3948
Android (android.graphics.Color)	4288781168 (0xFFA19B70)
YUV	151.8920, -19.6668, 7.9877
Hunter-Lab	56.7359, -6.9673, 18.8190

Details

The XYZ color **29.3439, 32.1896, 19.9959** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5935, 18.9743, 36.3480**, and the grayscale version is **29.8760, 31.4319, 34.2293**.

A 20% lighter version of the original color is **57.8202, 62.8802, 44.2116**, and **12.1824, 13.5220, 6.8184** is the 20% darker color. If you saturate the color by 10%, you get **28.2016, 31.2134, 15.5810**, and if you desaturate by 10%, it is **30.6536, 33.2435, 25.2582**.

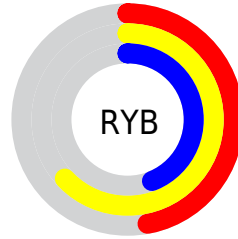
Distribution



Red (63%)

Green (61%)

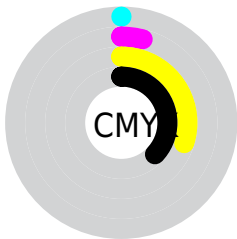
Blue (44%)



Red (47%)

Yellow (63%)

Blue (44%)

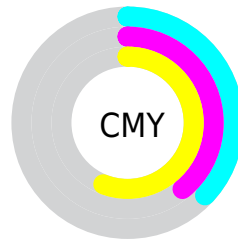


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3439, 32.1896, 19.9959 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 29.3439, 32.1896, 19.9959 by changing the saturation by 10% instead.

■ 29.3439, 32.1896,
19.9959

■ 29.3439, 32.1896,
19.9959

290.7991,
311.9820, 264.4964

■ 19.4867, 21.5064,
12.2080

■ 58.0168, 63.1082,
44.2692

■ 12.1286, 13.4946,
6.7613

■ 77.5633, 84.1124,
61.5917

■ 6.9041, 7.7700,
3.2371

■ 101.0702,
109.3256, 82.9294

■ 3.4480, 3.9481,
1.2169

■ 128.9029,
139.1323, 108.7010

■ 1.3949, 1.6446,
0.0000

161.4268,
173.9169, 139.3250

■ 0.2526, 0.3874,
0.0000

199.0072,

■ 0.0000, 0.0000,

214.0638, 175.2198

0.0000

242.0096,
259.9574, 216.8041

■ 29.3439, 32.1896,
19.9959

■ 29.3439, 32.1896,
19.9959

■ 28.2016, 31.2134,
15.5810

■ 30.6536, 33.2435,
25.2582

■ 27.2155, 30.3072,
11.9665

■ 32.1360, 34.3740,
31.4075

■ 26.3772, 29.4685,
9.1038

■ 33.7995, 35.5856,
38.4835

■ 25.6762, 28.6931,
6.9384

■ 35.6510, 36.8810,
46.5227

■ 25.1008, 27.9765,
5.4083

■ 37.6970, 38.2630,
55.5598

■ 24.6371, 27.3128,
4.4405

■ 39.9440, 39.7341,
65.6275

■ 24.2670, 26.7151,
3.8775

■ 42.3977, 41.2968,
76.7574

■ 45.0641, 42.9533,
88.9795

■ 47.6408, 44.5828,
100.7021

Harmonies

Analogous

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



32.6738, 32.1896, 20.4021



29.3439, 32.1896, 19.9959



26.5564, 32.1896, 23.0418

Triad

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



29.3439, 32.1896, 19.9959



26.0505, 32.1896, 48.6158



37.0633, 32.1896, 41.2004

Complementary

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



29.3439, 32.1896, 19.9959



19.5935, 18.9743, 36.3480

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.



35.0241, 32.1896, 50.6365



29.3439, 32.1896, 19.9959



28.6067, 32.1896, 55.4238

Square

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



29.3439, 32.1896, 19.9959



24.7489, 32.1896, 38.8098



31.8817, 32.1896, 56.2238



37.2966, 32.1896, 31.5394

Rectangle

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



29.3439, 32.1896, 19.9959



25.3175, 32.1896, 27.0087



31.8817, 32.1896, 56.2238



36.5598, 32.1896, 44.5449

Sweetspot

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



29.3447, 32.1911, 19.9966



57.9115, 61.8273, 57.7580



23.7942, 20.4865, 20.0068



12.6154, 13.4962, 12.3075



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.3447, 32.1911, 19.9966



51.0387, 56.3672, 29.9241



27.0032, 32.5023, 20.1801



7.5751, 8.0887, 7.5421



19.4012, 21.3764, 3.1035



0.4270, 0.4879, 0.0717

Inverse Universe

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



19.5935, 18.9743, 36.3480



30.5495, 28.6013, 64.2970



21.4283, 18.9052, 36.2379



6.7671, 6.9932, 8.8962



5.3507, 2.4809, 27.1266



0.1317, 0.0906, 0.5764

Previews

White Background



This preview shows how the XYZ color 29.3439, 32.1896, 19.9959 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 29.3439, 32.1896, 19.9959 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

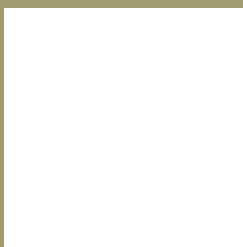
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3439, 32.1896, 19.9959

Background



This preview shows how black text looks on a background with the XYZ color 29.3439, 32.1896, 19.9959.



This preview shows how white text looks on a background with the XYZ color 29.3439, 32.1896,

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

29.3439, 32.1896, 19.9959

Protanopia

29.9419, 32.2582, 19.6873

Deuteranopia

32.7624, 32.0274, 20.3747



Tritanopia

33.0290, 32.2484, 37.7415

Trichromacy



Original Color

29.3439, 32.1896, 19.9959

Protanomaly

29.7347, 32.1514, 19.6776

Deuteranomaly

31.3425, 32.0036, 20.1482

Tritanomaly

31.5416, 32.1157, 30.5231

Monochromacy



Original Color

29.3439, 32.1896, 19.9959

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4242, 31.5572, 28.2072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3439, 32.1896, 19.9959 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(161, 155, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 112)  
}
```

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(161, 155, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 112) }
```

Border

The CSS property to change the border of an element to XYZ 29.3439, 32.1896, 19.9959 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(161, 155, 112) }
```


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

```
.border{ border-color:rgb(161, 155, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3439, 32.1896, 19.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 112) }
```

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

```
.background{ background-color: rgb(161,  
155, 112) }
```

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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