

Converting Colors

XYZ(28.9496, 32.3203, 15.2055)

Have a look what the booklet for
XYZ(28.9496, 32.3203, 15.2055)
contains.

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Color

**XYZ(29.0131, 32.3716,
15.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	A39C5E
RGB	163, 156, 94
RGB Percent	64%, 61%, 37%
CMY	0.3608, 0.3882, 0.6314
CMYK	0.00, 0.04, 0.42, 0.36
HSL	54°, 27%, 50%
HSV	54°, 42%, 64%
XYZ	29.0131, 32.3716, 15.3089
YIQ	151.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

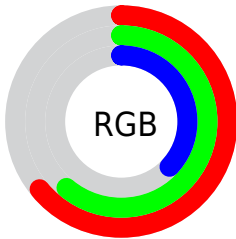
Format	Color
RYB	102, 163, 94
Decimal	10722398
CIELab	63.65, -6.66, 33.33
CIELCh	64, 33.986, 101.294
Yxy	32.3716, 0.3783, 0.4221
Android (android.graphics.Color)	4288912478 (0xFFA39C5E)
YUV	151.0250, -28.1133, 10.5021
Hunter-Lab	56.8960, -8.5453, 23.8742

Details

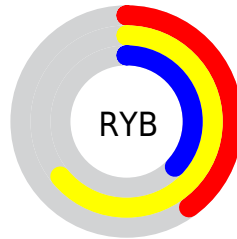
The XYZ color **29.0131, 32.3716, 15.3089** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8806, 14.3310, 36.5794**, and the grayscale version is **29.5361, 31.0743, 33.8399**.

A 20% lighter version of the original color is **57.3708, 63.1976, 35.9627**, and **11.9751, 13.6154, 4.5816** is the 20% darker color. If you saturate the color by 10%, you get **28.0825, 31.5598, 11.7634**, and if you desaturate by 10%, it is **30.1036, 33.2557, 19.6706**.

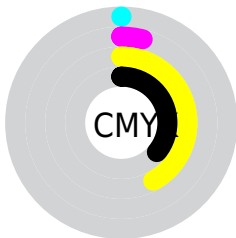
Distribution



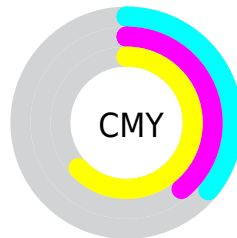
- Red (64%)
- Green (61%)
- Blue (37%)



- Red (40%)
- Yellow (64%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (42%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0131, 32.3716, 15.3089 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 29.0131, 32.3716, 15.3089 by changing the saturation by 10% instead.

■ 29.0131, 32.3716,
15.3089

■ 29.0131, 32.3716,
15.3089

289.2698,
312.8085, 236.9332

■ 19.2351, 21.6455,
8.8874

■ 57.4953, 63.3932,
36.1441

■ 11.9453, 13.5966,
4.5720

■ 76.9302, 84.4575,
51.3950

■ 6.7784, 7.8407,
1.9441

■ 100.3147,
109.7366, 70.4260

■ 3.3690, 3.9932,
0.5206

■ 128.0143,
139.6149, 93.6558

■ 1.3517, 1.6697,
0.0000

160.3942,
174.4769, 121.5029

■ 0.2215, 0.4039,
0.0000

197.8199,

■ 0.0000, 0.0000,

214.7069, 154.3858

0.0000

240.6567,
260.6893, 192.7230

■ 29.0131, 32.3716,
15.3089

■ 29.0131, 32.3716,
15.3089

■ 28.0825, 31.5598,
11.7634

■ 30.1036, 33.2557,
19.6706

■ 27.2994, 30.8119,
8.9803

■ 31.3605, 34.2113,
24.8935

■ 26.6539, 30.1249,
6.9028

■ 32.7930, 35.2432,
31.0219

■ 26.1334, 29.4940,
5.4651

■ 34.4087, 36.3545,
38.0964

■ 25.7231, 28.9130,
4.5892

■ 36.2149, 37.5482,
46.1552

■ 25.4563, 28.4906,
4.1575

■ 38.2184, 38.8269,
55.2342

■ 40.4258, 40.1934,
65.3677

■ 42.8433, 41.6500,
76.5883

■ 45.4768, 43.1993,
88.9272

Harmonies

Analogous

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



33.7927, 32.3716, 15.8165



29.0131, 32.3716, 15.3089



25.1235, 32.3716, 19.0148

Triad

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



29.0131, 32.3716, 15.3089



24.4009, 32.3716, 55.4912



40.2600, 32.3716, 44.3235

Complementary

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



29.0131, 32.3716, 15.3089



15.8806, 14.3310, 36.5794

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.



37.2009, 32.3716, 58.7914



29.0131, 32.3716, 15.3089



27.9298, 32.3716, 66.2986

Square

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



29.0131, 32.3716, 15.3089



22.6493, 32.3716, 40.6249



32.5928, 32.3716, 67.6415



40.6268, 32.3716, 30.3663

Rectangle

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



29.0131, 32.3716, 15.3089



23.4294, 32.3716, 24.1127



32.5928, 32.3716, 67.6415



39.4988, 32.3716, 49.3698

Sweetspot

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



29.0139, 32.3731, 15.3096



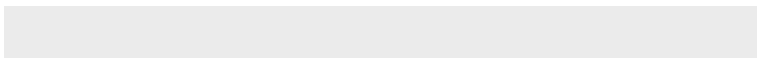
58.4827, 62.9439, 54.4889



21.5080, 16.7526, 14.6838



13.0080, 14.0468, 11.6905



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.0139, 32.3731, 15.3096



50.3527, 56.5750, 21.2854



25.3607, 32.2830, 15.4847



7.5878, 8.1140, 7.5463



19.8033, 22.1805, 3.2375



0.4325, 0.4989, 0.0735

Inverse Universe

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



15.8806, 14.3310, 36.5794



23.6059, 19.8438, 64.6422



18.4222, 14.6755, 36.5120



6.7556, 6.9702, 8.8924



5.3050, 2.3894, 27.1114



0.1276, 0.0825, 0.5750

Previews

White Background



This preview shows how the XYZ color 29.0131, 32.3716, 15.3089 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 29.0131, 32.3716, 15.3089 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 29.0131, 32.3716, 15.3089

Background



This preview shows how black text looks on a background with the XYZ color 29.0131, 32.3716, 15.3089.



This preview shows how white text looks on a background with the XYZ color 29.0131, 32.3716,

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

29.0131, 32.3716, 15.3089

Protanopia

29.6798, 32.2263, 15.0119

Deuteranopia

32.7947, 32.1511, 15.5436



Tritanopia

33.5126, 32.2639, 37.7190

Trichromacy



Original Color

29.0131, 32.3716, 15.3089

Protanomaly

29.4230, 32.3400, 15.0474

Deuteranomaly

31.3320, 32.1039, 15.3718

Tritanomaly

31.4469, 32.1263, 27.8361

Monochromacy



Original Color

29.0131, 32.3716, 15.3089

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9381, 31.3627, 25.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0131, 32.3716, 15.3089 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(163, 156, 94)` looks like.

```
.text, #text, p{  
    color:rgb(163, 156, 94)  
}
```

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(163, 156, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 156, 94) }
```

Border

The CSS property to change the border of an element to XYZ 29.0131, 32.3716, 15.3089 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(163, 156, 94) }
```


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

```
.border{ border-color:rgb(163, 156, 94) }
```

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

Here you see how a box with a 4 pixel rgb(163, 156, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 156, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 156, 94);  
box-shadow:4px 4px 4px 4px rgb(163, 156,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0131, 32.3716, 15.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 156, 94) }
```

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

```
.background{ background-color: rgb(163,  
156, 94) }
```

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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