

Converting Colors

XYZ(29.1874, 33.0872, 15.9275)

Have a look what the booklet for
XYZ(29.1874, 33.0872, 15.9275)
contains.

XYZ(29.2074, 33.2179, 15.9386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2074, 33.2179,
15.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	A19F60
RGB	161, 159, 96
RGB Percent	63%, 62%, 38%
CMY	0.3686, 0.3765, 0.6235
CMYK	0.00, 0.01, 0.40, 0.37
HSL	58°, 26%, 50%
HSV	58°, 40%, 63%
XYZ	29.2074, 33.2179, 15.9386
YIQ	152.4160, 21.4150, -19.1690

Conversions

Conversions Part 2

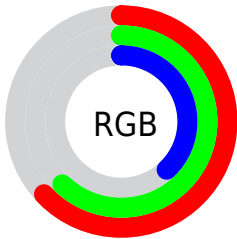
Format	Color
R_{YB}	98, 161, 96
Decimal	10592096
CIE Lab	64.34, -8.87, 33.11
CIE LCh	64, 34.276, 105.002
Yxy	33.2179, 0.3727, 0.4239
Android (android.graphics.Color)	4288782176 (0xFFA19F60)
YUV	152.4160, -27.8131, 7.5282
Hunter-Lab	57.6350, -10.4036, 23.9482

Details

The XYZ color **29.2074, 33.2179, 15.9386** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6245, 13.7949, 35.5573**, and the grayscale version is **30.1357, 31.7051, 34.5269**.

A 20% lighter version of the original color is **58.0071, 64.9830, 37.5026**, and **12.0804, 14.1267, 4.8863** is the 20% darker color. If you saturate the color by 10%, you get **28.4563, 32.7829, 12.3983**, and if you desaturate by 10%, it is **30.1123, 33.7173, 20.2799**.

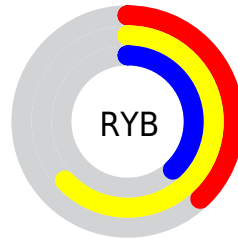
Distribution



Red (63%)

Green (62%)

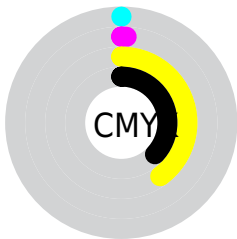
Blue (38%)



Red (38%)

Yellow (63%)

Blue (38%)

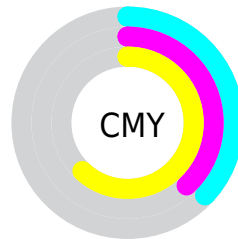


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2074, 33.2179, 15.9386 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 29.2074, 33.2179, 15.9386 by changing the saturation by 10% instead.

■ 29.2074, 33.2179,
15.9386

■ 29.2074, 33.2179,
15.9386

290.1689,
316.6305, 240.8125

■ 19.3828, 22.2934,
9.3268

■ 57.8017, 64.7156,
37.2569

■ 12.0529, 14.0727,
4.8553

■ 77.3022, 86.0576,
52.8005

■ 6.8522, 8.1712,
2.1053

■ 100.7587,
111.6408, 72.1584

■ 3.4153, 4.2047,
0.6189

■ 128.5366,
141.8498, 95.7493

■ 1.3770, 1.7887,
0.0000

161.0011,
177.0689, 123.9916

■ 0.2398, 0.4801,
0.0000

198.5178,

■ 0.0000, 0.0000,

217.6824, 157.3038

0.0000

241.4519,
264.0748, 196.1046

■ 29.2074, 33.2179,
15.9386

■ 29.2074, 33.2179,
15.9386

■ 28.4563, 32.7829,
12.3983

■ 30.1123, 33.7173,
20.2799

■ 27.8473, 32.4041,
9.6079

■ 31.1771, 34.2801,
25.4652

■ 27.3707, 32.0788,
7.5134

■ 32.4105, 34.9108,
31.5368

■ 27.0148, 31.8024,
6.0529

■ 33.8199, 35.6125,
38.5336

■ 26.7659, 31.5692,
5.1537

■ 35.4123, 36.3879,
46.4921

■ 26.5960, 31.3732,
4.6539

■ 37.1942, 37.2397,
55.4470

■ 39.1719, 38.1703,
65.4311

■ 41.3513, 39.1822,
76.4758

■ 43.7382, 40.2776,
88.6111

Harmonies

Analogous

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



34.0615, 33.2179, 15.9383



29.2074, 33.2179, 15.9386



25.3962, 33.2179, 20.3114

Triad

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



29.2074, 33.2179, 15.9386



25.3966, 33.2179, 58.6716



41.5221, 33.2179, 43.5715

Complementary

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



29.2074, 33.2179, 15.9386



15.6245, 13.7949, 35.5573

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.



38.6771, 33.2179, 58.6696



29.2074, 33.2179, 15.9386



29.2080, 33.2179, 68.7976

Square

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



29.2074, 33.2179, 15.9386



23.3550, 33.2179, 43.5737



34.0622, 33.2179, 68.7968



41.5218, 33.2179, 29.6540

Rectangle

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



29.2074, 33.2179, 15.9386



23.8150, 33.2179, 25.9673



34.0622, 33.2179, 68.7968



40.8548, 33.2179, 48.7431

Sweetspot

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



29.2082, 33.2194, 15.9393



57.6117, 62.3036, 54.3411



21.0935, 16.8281, 13.7334



12.5752, 13.6337, 11.6222



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.



29.2082, 33.2194, 15.9393



51.1445, 58.8199, 23.0502



24.1649, 31.1330, 15.8024



7.6307, 8.1998, 7.5606



21.2472, 25.0683, 3.7188



0.4518, 0.5375, 0.0799

Inverse Universe

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



15.6245, 13.7949, 35.5573



23.5684, 19.3898, 62.8870



19.2696, 15.4003, 35.6751



6.7171, 6.8932, 8.8796



5.1863, 2.1520, 27.0718



0.1139, 0.0551, 0.5705

Previews

White Background



This preview shows how the XYZ color 29.2074, 33.2179, 15.9386 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 29.2074, 33.2179, 15.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

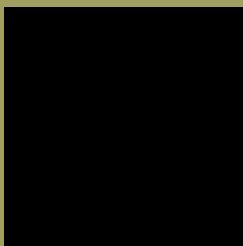
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2074, 33.2179, 15.9386

Background



This preview shows how black text looks on a background with the XYZ color 29.2074, 33.2179, 15.9386.



This preview shows how white text looks on a background with the XYZ color 29.2074, 33.2179,

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

29.2074, 33.2179, 15.9386

Protanopia

30.5316, 33.1492, 15.6157

Deuteranopia

33.6911, 33.0681, 16.1623



Tritanopia

34.0397, 33.2126, 39.2669

Trichromacy



Original Color

29.2074, 33.2179, 15.9386

Protanomaly

30.0589, 33.1557, 15.6419

Deuteranomaly

31.9090, 33.1105, 16.0184

Tritanomaly

31.9417, 33.0823, 29.1281

Monochromacy



Original Color

29.2074, 33.2179, 15.9386

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4038, 32.0772, 26.4716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2074, 33.2179, 15.9386 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, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 96)  
}
```

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, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 96) }
```

Border

The CSS property to change the border of an element to XYZ 29.2074, 33.2179, 15.9386 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, 159, 96) }
```


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

```
.border{ border-color:rgb(161, 159, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(161, 159,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2074, 33.2179, 15.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 96) }
```

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

```
.background{ background-color: rgb(161,  
159, 96) }
```

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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