

Converting Colors

XYZ(29.1447, 28.9552, 30.6344)

Have a look what the booklet for
XYZ(29.1447, 28.9552, 30.6344)
contains.

| | |
|--|----|
| XYZ(29.1546, 29.0295, 30.4522) | 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(29.1546, 29.0295,
30.4522)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9F8F90 |
| RGB | 159, 143, 144 |
| RGB Percent | 62%, 56%, 56% |
| CMY | 0.3765, 0.4392, 0.4353 |
| CMYK | 0.00, 0.10, 0.09, 0.38 |
| HSL | 356°, 8%, 59% |
| HSV | 356°, 10%, 62% |
| XYZ | 29.1546, 29.0295, 30.4522 |
| YIQ | 147.8980, 9.2150, 3.7030 |

Conversions

Conversions Part 2

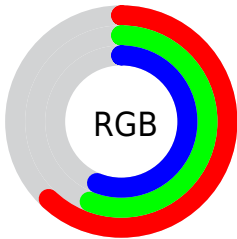
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 159, 143, 144 |
| Decimal | 10456976 |
| CIE _{Lab} | 60.81, 6.14, 1.63 |
| CIE _{LCh} | 61, 6.351, 14.914 |
| Yxy | 29.0295, 0.3289, 0.3275 |
| Android (android.graphics.Color) | 4288647056 (0xFF9F8F90) |
| YUV | 147.8980, -1.9217, 9.7365 |
| Hunter-Lab | 53.8790, 2.3002, 4.2049 |

Details

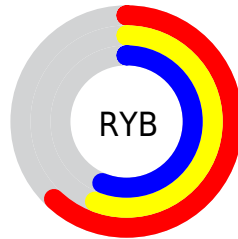
The XYZ color **29.1546, 29.0295, 30.4522** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.8985, 33.1053, 37.1636**, and the grayscale version is **28.1116, 29.5756, 32.2078**.

A 20% lighter version of the original color is **57.8909, 58.3059, 61.6291**, and **11.9981, 11.7627, 12.2277** is the 20% darker color. If you saturate the color by 10%, you get **25.8696, 24.1640, 24.1016**, and if you desaturate by 10%, it is **32.9301, 34.6344, 37.7095**.

Distribution



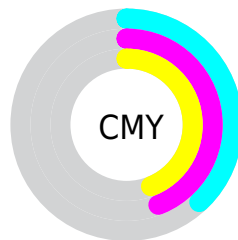
- Red (62%)
- Green (56%)
- Blue (56%)



- Red (62%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1546, 29.0295, 30.4522 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 29.1546, 29.0295, 30.4522 by changing the saturation by 10% instead.

■ 29.1546, 29.0295,
30.4522

■ 29.1546, 29.0295,
30.4522

289.9248,
297.3541, 318.2793

■ 19.3427, 19.1031,
19.9271

■ 57.7185, 58.1240,
61.4460

■ 12.0236, 11.7448,
12.1585

■ 77.2012, 78.0608,
82.7518

■ 6.8321, 6.5702,
6.7279

■ 100.6381,
102.1033, 108.4883

■ 3.4027, 3.1948,
3.2167

128.3947,
130.6359, 139.0739

■ 1.3701, 1.2342,
1.2063

160.8363,
164.0428, 174.9273

■ 0.2348, 0.0894,
0.0000

198.3283,

■ 0.0000, 0.0000,

202.7086, 216.4670

0.0000

241.2360,
247.0176, 264.1114

■ 29.1546, 29.0295,
30.4522

■ 29.1546, 29.0295,
30.4522

■ 25.8696, 24.1640,
24.1016

■ 32.9301, 34.6344,
37.7095

■ 23.0526, 20.0035,
18.6203

■ 37.2125, 41.0037,
45.9052

■ 20.6831, 16.5164,
13.9710

■ 42.0204, 48.1661,
55.0719

■ 18.7380, 13.6672,
10.1130

■ 47.3709, 56.1474,
65.2397

■ 17.1921, 11.4174,
7.0023

■ 53.2802, 64.9725,
76.4379

■ 16.0178, 9.7241,
4.5904

■ 59.7638, 74.6651,
88.6943

■ 15.1837, 8.5389,
2.8232

■ 66.8367, 85.2480,
102.0356

■ 14.6532, 7.8048,
1.6386

■ 68.1082, 86.1110,
107.6391

■ 14.3525, 7.3927,
0.9551

Harmonies

Analogous

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



29.1533, 29.0295, 32.8065



29.1546, 29.0295, 30.4522



28.7314, 29.0295, 28.5050

Triad

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



29.1546, 29.0295, 30.4522



26.4857, 29.0295, 28.4960



27.1805, 29.0295, 36.2053

Complementary

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



29.1546, 29.0295, 30.4522



29.8985, 33.1053, 37.1636

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.



26.4824, 29.0295, 34.9288



29.1546, 29.0295, 30.4522



26.0868, 29.0295, 30.4394

Square

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



29.1546, 29.0295, 30.4522



27.1850, 29.0295, 27.4145



26.0856, 29.0295, 32.7931



28.0024, 29.0295, 36.2091

Rectangle

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



29.1546, 29.0295, 30.4522



28.2703, 29.0295, 27.6660



26.0856, 29.0295, 32.7931



26.9239, 29.0295, 35.9081

Sweetspot

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



29.1554, 29.0308, 30.4528



56.8548, 58.8780, 63.4660



30.1688, 29.4118, 36.8882



12.6963, 13.0935, 14.0749



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.



29.1554, 29.0308, 30.4528



50.8657, 49.9918, 51.9369



30.1526, 31.1466, 30.4109



6.6490, 6.6525, 7.0027



11.3419, 5.8413, 0.7853



0.2071, 0.1062, 0.0370

Inverse Universe

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



29.1554, 29.0308, 30.4528



50.8657, 49.9918, 51.9369



28.8259, 30.8221, 37.2312



6.6490, 6.6525, 7.0027



11.3419, 5.8413, 0.7853



0.2071, 0.1062, 0.0370

Previews

White Background



This preview shows how the XYZ color 29.1546, 29.0295, 30.4522 looks on a white background.

Color Contrast Check

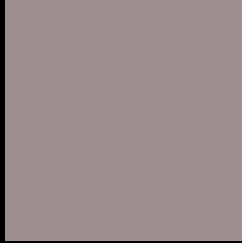
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1546, 29.0295, 30.4522 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 × Fail

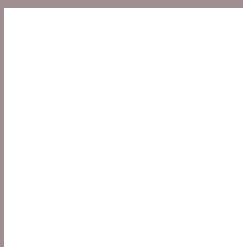
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1546, 29.0295, 30.4522

Background



This preview shows how black text looks on a background with the XYZ color 29.1546, 29.0295, 30.4522.



This preview shows how white text looks on a background with the XYZ color 29.1546, 29.0295,

30.4522.

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

29.1546, 29.0295, 30.4522

Protanopia

28.0449, 29.1171, 31.3362

Deuteranopia

29.6073, 29.0410, 30.4306



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

29.1546, 29.0295, 30.4522

Protanomaly

28.3731, 29.0674, 30.9032

Deuteranomaly

29.4050, 28.9367, 30.4211

Tritanomaly

29.6752, 29.0216, 32.8918

Monochromacy



Original Color

29.1546, 29.0295, 30.4522

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4942, 29.3398, 31.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1546, 29.0295, 30.4522 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(159, 143, 144) looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 144)  
}
```

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(159, 143, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.1546, 29.0295, 30.4522 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(159, 143, 144) }
```


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

```
.border{ border-color:rgb(159, 143, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 144);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1546, 29.0295, 30.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 144) }
```

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

```
.background{ background-color: rgb(159,  
143, 144) }
```

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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