

Converting Colors

XYZ(29.2642, 28.1651, 44.6166)

Have a look what the booklet for
XYZ(29.2642, 28.1651, 44.6166)
contains.

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Color

**XYZ(29.1486, 28.0544,
44.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	938CAF
RGB	147, 140, 175
RGB Percent	58%, 55%, 69%
CMY	0.4235, 0.4510, 0.3137
CMYK	0.16, 0.20, 0.00, 0.31
HSL	252°, 18%, 62%
HSV	252°, 20%, 69%
XYZ	29.1486, 28.0544, 44.4362
YIQ	146.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

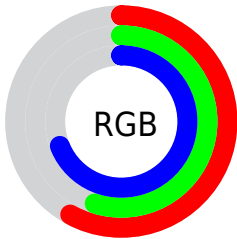
Format	Color
RYB	147, 140, 175
Decimal	9669807
CIELab	59.94, 9.86, -17.42
CIElCh	60, 20.021, 299.513
Yxy	28.0544, 0.2868, 0.2760
Android (android.graphics.Color)	4287859887 (0xFF938CAF)
YUV	146.0830, 14.2561, 0.8042
Hunter-Lab	52.9664, 5.5413, -12.6649

Details

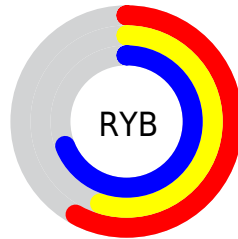
The XYZ color **29.1486, 28.0544, 44.4362** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2130, 40.8790, 30.7941**, and the grayscale version is **27.3019, 28.7237, 31.2801**.

A 20% lighter version of the original color is **57.8030, 56.7706, 83.5126**, and **11.9929, 11.2043, 19.9429** is the 20% darker color. If you saturate the color by 10%, you get **24.4325, 22.1248, 43.5407**, and if you desaturate by 10%, it is **34.5787, 34.9572, 45.4828**.

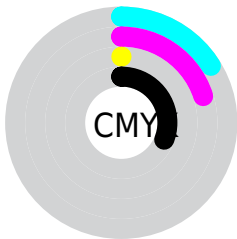
Distribution



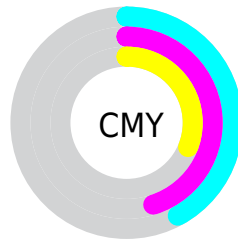
- Red (58%)
- Green (55%)
- Blue (69%)



- Red (58%)
- Yellow (55%)
- Blue (69%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1486, 28.0544, 44.4362 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 29.1486, 28.0544, 44.4362 by changing the saturation by 10% instead.

■ 29.1486, 28.0544,
44.4362

■ 29.1486, 28.0544,
44.4362

289.8970,
292.7268, 380.5787

■ 19.3381, 18.3667,
30.6739

■ 57.7090, 56.5713,
83.1832

■ 12.0203, 11.2136,
20.0943

■ 77.1897, 76.1692,
109.0049

■ 6.8298, 6.2107,
12.2788

■ 100.6244, 99.8394,
139.6835

■ 3.4013, 2.9736,
6.8090

128.3786,
127.9661, 175.6375

■ 1.3693, 1.1180,
3.2663

160.8176,
160.9338, 217.2855

■ 0.2342, 0.0000,
1.2322

198.3068,

■ 0.0000, 0.0000,

199.1269, 265.0460

0.0052

241.2115,
242.9297, 319.3375

■ 0.0000, 0.0000,
0.0000

■ 29.1486, 28.0544,
44.4362

■ 29.1486, 28.0544,
44.4362

■ 24.4325, 22.1248,
43.5407

■ 34.5787, 34.9572,
45.4828

■ 20.3977, 17.1210,
42.7875

■ 40.7485, 42.8708,
46.6851

■ 17.0127, 12.9966,
42.1698

■ 47.6856, 51.8353,
48.0498

■ 14.2426, 9.7000,
41.6795

■ 55.4153, 61.8874,
49.5827

■ 12.0490, 7.1740,
41.3076

■ 63.9618, 73.0619,
51.2891

■ 10.3888, 5.3541,
41.0438

■ 73.3484, 85.3923,
53.1744

■ 9.2128, 4.1647,
40.8762

■ 81.1563, 94.0288,
54.4299

■ 8.4310, 3.4525,
40.7799

■ 84.7380, 95.8752,
54.5975

■ 8.4309, 3.4524,
40.7799

Harmonies

Analogous

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



26.6233, 28.0544, 46.8110



29.1486, 28.0544, 44.4362



31.1075, 28.0544, 38.2218

Triad

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



29.1486, 28.0544, 44.4362



29.2251, 28.0544, 19.9921



22.0652, 28.0544, 30.4275

Complementary

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



29.1486, 28.0544, 44.4362



36.2130, 40.8790, 30.7941

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.



22.6667, 28.0544, 23.9742



29.1486, 28.0544, 44.4362



26.7065, 28.0544, 18.5673

Square

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



29.1486, 28.0544, 44.4362



31.1537, 28.0544, 24.1503



24.3264, 28.0544, 19.9024



22.6294, 28.0544, 37.9827

Rectangle

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



29.1486, 28.0544, 44.4362



31.7713, 28.0544, 33.1687



24.3264, 28.0544, 19.9024



22.1372, 28.0544, 28.0662

Sweetspot

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



29.1495, 28.0556, 44.4368



66.0718, 67.9069, 82.2619



32.6646, 36.8926, 45.9573



14.5322, 14.8971, 18.2538



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1495, 28.0556, 44.4368



48.3201, 45.3453, 78.8426



32.4095, 29.7362, 44.5894



7.7229, 7.8315, 10.0573



6.0792, 2.4938, 29.2055



0.2116, 0.0913, 0.8145

Inverse Universe

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



34.1261, 30.6985, 41.1738



58.9094, 50.9725, 71.7390



32.8425, 39.1414, 30.6363



8.2674, 8.1202, 9.7189



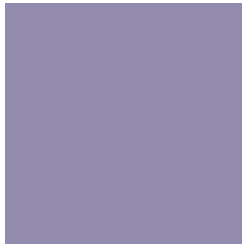
16.0730, 7.8917, 18.5618



0.4644, 0.2264, 0.6071

Previews

White Background



This preview shows how the XYZ color 29.1486, 28.0544, 44.4362 looks on a white background.

Color Contrast Check

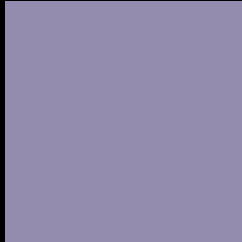
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1486, 28.0544, 44.4362 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 29.1486, 28.0544, 44.4362

Background



This preview shows how black text looks on a background with the XYZ color 29.1486, 28.0544, 44.4362.



This preview shows how white text looks on a background with the XYZ color 29.1486, 28.0544,

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

29.1486, 28.0544, 44.4362

Protanopia

28.0748, 28.1376, 45.5464

Deuteranopia

28.5904, 27.9845, 44.4521



Tritanopia

27.3913, 28.2424, 35.0180

Trichromacy



Original Color

29.1486, 28.0544, 44.4362

Protanomaly

28.4940, 28.1433, 45.0047

Deuteranomaly

28.7643, 28.0742, 44.4603

Tritanomaly

28.0211, 28.2733, 38.1628

Monochromacy



Original Color

29.1486, 28.0544, 44.4362

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9131, 28.4918, 35.9266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1486, 28.0544, 44.4362 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(147, 140, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 175)  
}
```

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(147, 140, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 175) }
```

Border

The CSS property to change the border of an element to XYZ 29.1486, 28.0544, 44.4362 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(147, 140, 175) }
```


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

```
.border{ border-color:rgb(147, 140, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1486, 28.0544, 44.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 175) }
```

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

```
.background{ background-color: rgb(147,  
140, 175) }
```

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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