

Converting Colors

XYZ(29.8260, 29.2984, 44.1276)

Have a look what the booklet for
XYZ(29.8260, 29.2984, 44.1276)
contains.

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Color

**XYZ(29.8260, 29.2984,
44.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	9490AE
RGB	148, 144, 174
RGB Percent	58%, 56%, 68%
CMY	0.4196, 0.4353, 0.3176
CMYK	0.15, 0.17, 0.00, 0.32
HSL	248°, 16%, 62%
HSV	248°, 17%, 68%
XYZ	29.8260, 29.2984, 44.1276
YIQ	148.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

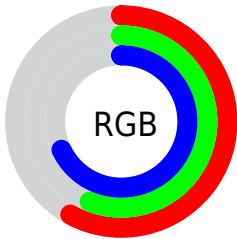
Format	Color
RYB	148, 144, 174
Decimal	9736366
CIELab	61.04, 7.69, -15.17
CIElCh	61, 17.008, 296.868
Yxy	29.2984, 0.2889, 0.2838
Android (android.graphics.Color)	4287926446 (0xFF9490AE)
YUV	148.6160, 12.5143, -0.5402
Hunter-Lab	54.1280, 3.6344, -10.4463

Details

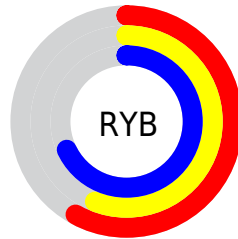
The XYZ color **29.8260, 29.2984, 44.1276** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.7486, 40.8325, 32.3315**, and the grayscale version is **28.3580, 29.8348, 32.4901**.

A 20% lighter version of the original color is **58.8341, 58.6579, 83.0841**, and **12.4453, 11.9519, 20.0634** is the 20% darker color. If you saturate the color by 10%, you get **24.8387, 23.1126, 43.1969**, and if you desaturate by 10%, it is **35.5767, 36.4822, 45.2116**.

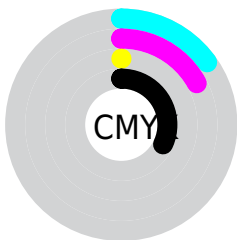
Distribution



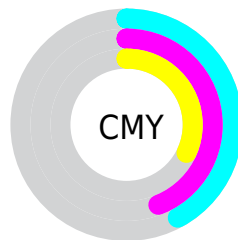
- Red (58%)
- Green (56%)
- Blue (68%)



- Red (58%)
- Yellow (56%)
- Blue (68%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (42%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8260, 29.2984, 44.1276 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 29.8260, 29.2984, 44.1276 by changing the saturation by 10% instead.

■ 29.8260, 29.2984,
44.1276

■ 29.8260, 29.2984,
44.1276

293.0170,
298.6203, 379.2853

■ 19.8540, 19.3067,
30.4329

■ 58.7754, 58.5509,
82.7142

■ 12.3966, 11.8921,
19.9126

■ 78.4835, 78.5804,
108.4433

■ 7.0885, 6.6702,
12.1481

102.1677,
102.7246, 139.0208

■ 3.5643, 3.2567,
6.7208

130.1933,
131.3679, 174.8654

■ 1.4587, 1.2672,
3.2123

162.9256,
164.8948, 216.3956

■ 0.2975, 0.1156,
1.2041

200.7301,

■ 0.0000, 0.0000,

203.6895, 264.0300

0.0000

243.9721,
248.1366, 318.1870

■ 29.8260, 29.2984,
44.1276

■ 29.8260, 29.2984,
44.1276

■ 24.8387, 23.1126,
43.1969

■ 35.5767, 36.4822,
45.2116

■ 20.5799, 17.8771,
42.4108

■ 42.1184, 44.7018,
46.4533

■ 17.0161, 13.5456,
41.7626

■ 49.4806, 53.9974,
47.8595

■ 14.1100, 10.0666,
41.2443

■ 57.6903, 64.4059,
49.4359

■ 11.8206, 7.3834,
40.8470

■ 66.7736, 75.9625,
51.1878

■ 10.1025, 5.4321,
40.5609

■ 76.7553, 88.7009,
53.1205

■ 8.9037, 4.1391,
40.3746

■ 84.1149, 95.5653,
54.0575

■ 8.1537, 3.3982,
40.2711

■ 84.6401, 95.8360,
54.0821

■ 7.9979, 3.2405,
40.2489

Harmonies

Analogous

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



27.6142, 29.2984, 45.7670



29.8260, 29.2984, 44.1276



31.5860, 29.2984, 39.0779

Triad

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



29.8260, 29.2984, 44.1276



30.2518, 29.2984, 22.7006



23.7898, 29.2984, 31.2362

Complementary

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



29.8260, 29.2984, 44.1276



36.7486, 40.8325, 32.3315

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.



24.4158, 29.2984, 25.6614



29.8260, 29.2984, 44.1276



28.0817, 29.2984, 21.1634

Square

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



29.8260, 29.2984, 44.1276



31.8409, 29.2984, 26.6774



25.9580, 29.2984, 22.1712



24.2023, 29.2984, 37.7654

Rectangle

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



29.8260, 29.2984, 44.1276



32.2252, 29.2984, 34.7666



25.9580, 29.2984, 22.1712



23.8849, 29.2984, 29.1973

Sweetspot

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



29.8269, 29.2996, 44.1283



66.9619, 69.2209, 82.4686



33.6111, 37.9234, 45.5934



14.7085, 15.1662, 18.2965



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.



29.8269, 29.2996, 44.1283



50.1997, 48.2945, 79.3128



32.6163, 30.7376, 44.2588



7.6745, 7.8065, 10.0550



5.8309, 2.3658, 29.1938



0.1924, 0.0814, 0.8136

Inverse Universe

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



34.6855, 31.8487, 42.3507



60.8387, 53.8786, 75.3187



33.7847, 39.3046, 32.1928



8.2905, 8.1294, 9.8403



16.7166, 8.1492, 21.9506



0.4775, 0.2317, 0.6763

Previews

White Background



This preview shows how the XYZ color 29.8260, 29.2984, 44.1276 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 29.8260, 29.2984, 44.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

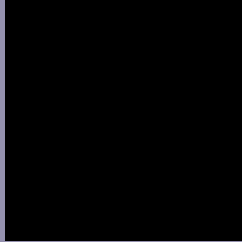
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8260, 29.2984, 44.1276

Background



This preview shows how black text looks on a background with the XYZ color 29.8260, 29.2984, 44.1276.



This preview shows how white text looks on a background with the XYZ color 29.8260, 29.2984,

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

29.8260, 29.2984, 44.1276

Protanopia

29.0013, 29.3156, 44.6874

Deuteranopia

30.0077, 29.3921, 44.1361



Tritanopia

28.2823, 29.3558, 36.5233

Trichromacy



Original Color

29.8260, 29.2984, 44.1276

Protanomaly

29.3649, 29.2752, 44.6604

Deuteranomaly

30.0077, 29.3921, 44.1361

Tritanomaly

28.8338, 29.3491, 39.2672

Monochromacy



Original Color

29.8260, 29.2984, 44.1276

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9997, 29.7256, 36.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8260, 29.2984, 44.1276 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(148, 144, 174)` looks like.

```
.text, #text, p{  
    color:rgb(148, 144, 174)  
}
```

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(148, 144, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 144, 174) }
```

Border

The CSS property to change the border of an element to XYZ 29.8260, 29.2984, 44.1276 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(148, 144, 174) }
```


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

```
.border{ border-color:rgb(148, 144, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 144, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 144, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 144, 174);  
box-shadow:4px 4px 4px 4px rgb(148, 144,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8260, 29.2984, 44.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 144, 174) }
```

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

```
.background{ background-color: rgb(148,  
144, 174) }
```

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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