

Converting Colors

XYZ(29.3851, 24.5517, 24.6765)

Have a look what the booklet for
XYZ(29.3851, 24.5517, 24.6765)
contains.

XYZ(29.2840, 24.4161, 24.6421)	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(29.2840, 24.4161,
24.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	B37783
RGB	179, 119, 131
RGB Percent	70%, 47%, 51%
CMY	0.2980, 0.5333, 0.4863
CMYK	0.00, 0.34, 0.27, 0.30
HSL	348°, 28%, 58%
HSV	348°, 34%, 70%
XYZ	29.2840, 24.4161, 24.6421
YIQ	138.3080, 31.9080, 16.4520

Conversions

Conversions Part 2

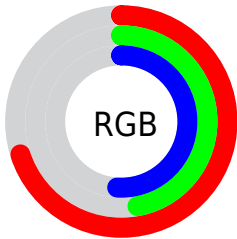
Format	Color
R_{YB}	179, 119, 131
Decimal	11761539
CIE _{Lab}	56.50, 25.19, 3.12
CIE _{LCh}	57, 25.386, 7.065
Yxy	24.4161, 0.3738, 0.3117
Android (android.graphics.Color)	4289951619 (0xFFB37783)
YUV	138.3080, -3.6028, 35.6869
Hunter-Lab	49.4127, 19.3144, 5.0209

Details

The XYZ color **29.2840, 24.4161, 24.6421** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7040, 38.9528, 42.4616**, and the grayscale version is **24.2805, 25.5450, 27.8185**.

A 20% lighter version of the original color is **57.9963, 50.7986, 52.0958**, and **12.1706, 9.3495, 9.1458** is the 20% darker color. If you saturate the color by 10%, you get **26.4464, 20.1883, 19.2340**, and if you desaturate by 10%, it is **32.6583, 29.5023, 30.8916**.

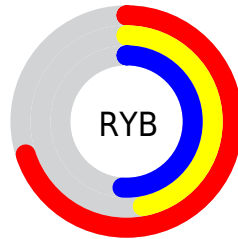
Distribution



Red (70%)

Green (47%)

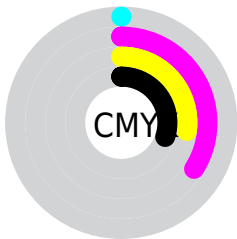
Blue (51%)



Red (70%)

Yellow (47%)

Blue (51%)

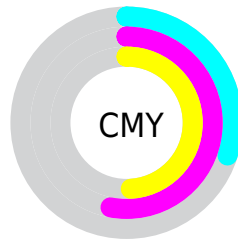


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2840, 24.4161, 24.6421 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 29.2840, 24.4161, 24.6421 by changing the saturation by 10% instead.

■ 29.2840, 24.4161,
24.6421

■ 29.2840, 24.4161,
24.6421

290.5227,
274.9174, 289.4413

■ 19.4411, 15.6426,
15.5940

■ 57.9224, 50.7084,
52.0329

■ 12.0954, 9.2716,
9.0861

■ 77.4487, 68.9959,
71.2127

■ 6.8813, 4.9187,
4.6998

■ 100.9335, 91.2235,
94.6068

■ 3.4337, 2.1997,
2.0166

128.7422,
117.7757, 122.6338

■ 1.3870, 0.7198,
0.5654

161.2401,
149.0368, 155.7122

■ 0.2470, 0.0000,
0.0000

198.7926,

■ 0.0000, 0.0000,

185.3912, 194.2606

0.0000

241.7650,
227.2233, 238.6974

■ 29.2840, 24.4161,
24.6421

■ 29.2840, 24.4161,
24.6421

■ 26.4464, 20.1883,
19.2340

■ 32.6583, 29.5023,
30.8916

■ 24.1155, 16.7681,
14.6295

■ 36.5933, 35.4871,
38.0151

■ 22.2613, 14.1046,
10.7900


■ 41.1140, 42.4124,
46.0453


■ 20.8498, 12.1399,
7.6731


■ 46.2431, 50.3164,
55.0127


■ 19.8421, 10.8073,
5.2320


■ 52.0022, 59.2351,
64.9465

 19.1923, 10.0272,
3.4141

 58.4119, 69.2029,
75.8743

 18.9057, 9.7098,
2.5301

 65.4918, 80.2523,
87.8231

 70.9188, 87.7311,
100.0377

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



28.8146, 24.4161, 33.4094



29.2840, 24.4161, 24.6421



28.0185, 24.4161, 17.9688

Triad

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



29.2840, 24.4161, 24.6421



19.9622, 24.4161, 15.6418



21.0719, 24.4161, 44.4655

Complementary

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



29.2840, 24.4161, 24.6421



30.7040, 38.9528, 42.4616

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.



18.9801, 24.4161, 37.5910



29.2840, 24.4161, 24.6421



18.3782, 24.4161, 20.7596

Square

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



29.2840, 24.4161, 24.6421



22.5181, 24.4161, 13.5329



18.0345, 24.4161, 28.6274



23.9094, 24.4161, 46.1163

Rectangle

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



29.2840, 24.4161, 24.6421



26.4194, 24.4161, 15.1764



18.0345, 24.4161, 28.6274



20.2657, 24.4161, 42.6277

Sweetspot

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



29.2847, 24.4173, 24.6426



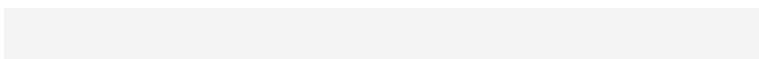
68.1293, 67.5178, 72.7154



30.6707, 24.6651, 45.7923



14.8526, 14.5893, 15.6794



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.2847, 24.4173, 24.6426



48.7143, 38.1575, 37.0504



30.8667, 28.8081, 21.3879



8.5635, 8.5321, 9.2000



13.3789, 6.8691, 1.8891



0.4413, 0.2243, 0.1664

Inverse Universe

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



29.2847, 24.4173, 24.6426



48.7143, 38.1575, 37.0504



28.4903, 32.6673, 47.4518



8.5635, 8.5321, 9.2000



13.3789, 6.8691, 1.8891



0.4413, 0.2243, 0.1664

Previews

White Background



This preview shows how the XYZ color 29.2840, 24.4161, 24.6421 looks on a white background.

Color Contrast Check

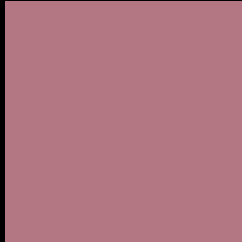
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2840, 24.4161, 24.6421 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 29.2840, 24.4161, 24.6421

Background



This preview shows how black text looks on a background with the XYZ color 29.2840, 24.4161, 24.6421.



This preview shows how white text looks on a background with the XYZ color 29.2840, 24.4161,

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

29.2840, 24.4161, 24.6421

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

25.0276, 24.4930, 24.1774



Tritanopia

29.0835, 24.3359, 23.5865

Trichromacy



Original Color

29.2840, 24.4161, 24.6421

Protanomaly

25.3145, 24.1821, 27.0003

Deuteranomaly

26.5189, 24.4718, 24.4449

Tritanomaly

29.1497, 24.3623, 23.9349

Monochromacy



Original Color

29.2840, 24.4161, 24.6421

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.6263, 24.7542, 26.3490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2840, 24.4161, 24.6421 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(179, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 131)  
}
```

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(179, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 131) }
```

Border

The CSS property to change the border of an element to XYZ 29.2840, 24.4161, 24.6421 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(179, 119, 131) }
```


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

```
.border{ border-color:rgb(179, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2840, 24.4161, 24.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 131) }
```

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

```
.background{ background-color: rgb(179,  
119, 131) }
```

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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