

Converting Colors

XYZ(29.0765, 28.7031, 24.8281)

Have a look what the booklet for
XYZ(29.0765, 28.7031, 24.8281)
contains.

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Color

**XYZ(29.0044, 28.6341,
24.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D81
RGB	165, 141, 129
RGB Percent	65%, 55%, 51%
CMY	0.3529, 0.4470, 0.4941
CMYK	0.00, 0.15, 0.22, 0.35
HSL	20°, 17%, 58%
HSV	20°, 22%, 65%
XYZ	29.0044, 28.6341, 24.7671
YIQ	146.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

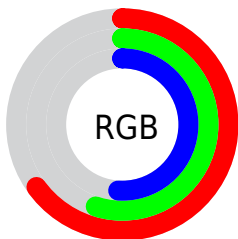
Format	Color
R_{YB}	165, 147, 129
Decimal	10849665
CIE Lab	60.46, 7.07, 9.74
CIE LCh	60, 12.030, 54.028
Yxy	28.6341, 0.3520, 0.3475
Android (android.graphics.Color)	4289039745 (0xFFA58D81)
YUV	146.8080, -8.7793, 15.9544
Hunter-Lab	53.5108, 3.1081, 10.0156

Details

The XYZ color **29.0044, 28.6341, 24.7671** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2358, 30.1654, 39.9846**, and the grayscale version is **27.6844, 29.1261, 31.7183**.

A 20% lighter version of the original color is **57.4738, 57.6233, 52.3492**, and **11.9991, 11.5721, 9.1906** is the 20% darker color. If you saturate the color by 10%, you get **26.4532, 25.1472, 18.9356**, and if you desaturate by 10%, it is **31.8954, 32.5166, 31.5864**.

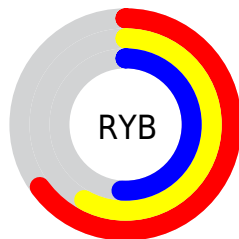
Distribution



Red (65%)

Green (55%)

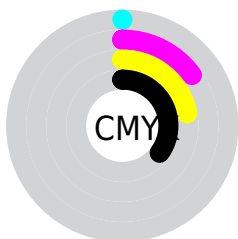
Blue (51%)



Red (65%)

Yellow (58%)

Blue (51%)

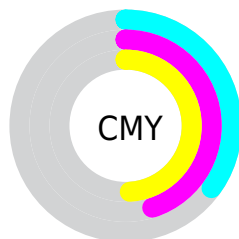


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0044, 28.6341, 24.7671 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 29.0044, 28.6341, 24.7671 by changing the saturation by 10% instead.


 29.0044, 28.6341,
24.7671


 29.0044, 28.6341,
24.7671


289.2295,
295.4846, 290.0865

 19.2284, 18.8042,
15.6862

 57.4816, 57.4952,
52.2386

 11.9405, 11.5289,
9.1504

 76.9135, 77.2953,
71.4662

 6.7751, 6.4238,
4.7413


 100.2949,
101.1874, 94.9131

 3.3669, 3.1044,
2.0402

127.9909,
129.5562, 122.9979

 1.3506, 1.1865,
0.5798

160.3670,
162.7859, 156.1391

 0.2206, 0.0506,
0.0000

197.7886,

 0.0000, 0.0000,

201.2609, 194.7553

0.0000

240.6210,
245.3657, 239.2649

■ 29.0044, 28.6341,
24.7671

■ 29.0044, 28.6341,
24.7671

■ 26.4532, 25.1472,
18.9356

■ 31.8954, 32.5166,
31.5864

■ 24.2262, 22.0393,
14.0437

■ 35.1362, 36.8029,
39.4347

■ 22.3102, 19.2982,
10.0421

■ 38.7394, 41.5059,
48.3535

■ 20.6900, 16.9096,
6.8761

■ 42.7162, 46.6367,
58.3809

■ 19.3490, 14.8581,
4.4849

■ 47.0771, 52.2061,
69.5536

■ 18.2685, 13.1271,
2.7993

■ 51.8326, 58.2242,
81.9063

■ 17.4273, 11.6982,
1.7374

■ 56.9923, 64.7010,
95.4724

■ 16.8841, 10.7333,
1.1818

■ 61.5843, 71.2536,
105.1152

■ 64.7244, 77.5340,
106.1620

Harmonies

Analogous

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



30.0299, 28.6341, 27.8295



29.0044, 28.6341, 24.7671



27.5271, 28.6341, 23.4352

Triad

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



29.0044, 28.6341, 24.7671



24.3578, 28.6341, 30.2980



28.4476, 28.6341, 39.6419

Complementary

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



29.0044, 28.6341, 24.7671



27.2358, 30.1654, 39.9846

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.



26.9069, 28.6341, 40.4613



29.0044, 28.6341, 24.7671



24.5833, 28.6341, 34.7841

Square

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



29.0044, 28.6341, 24.7671



24.8743, 28.6341, 26.4277



25.5024, 28.6341, 38.6087



29.7000, 28.6341, 36.4652

Rectangle

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



29.0044, 28.6341, 24.7671



26.4998, 28.6341, 23.6078



25.5024, 28.6341, 38.6087



27.9447, 28.6341, 40.2140

Sweetspot

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



29.0052, 28.6354, 24.7677



59.7644, 61.7428, 62.9259



29.1174, 26.0001, 33.6211



12.9968, 13.4070, 13.5902



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.0052, 28.6354, 24.7677



49.7428, 48.2872, 39.2761



31.8779, 34.3809, 25.7253



7.2578, 7.4539, 7.4363



12.8148, 8.2036, 0.9080



0.3113, 0.2564, 0.0331

Inverse Universe

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



27.2358, 30.1654, 39.9846



46.0206, 51.4995, 71.2672



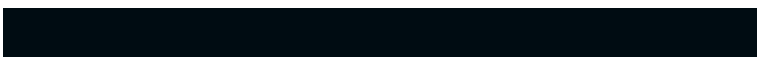
24.5091, 24.7121, 39.0757



7.0762, 7.6114, 8.9993



9.4021, 10.5835, 28.4771



0.2382, 0.3037, 0.6119

Previews

White Background



This preview shows how the XYZ color 29.0044, 28.6341, 24.7671 looks on a white background.

Color Contrast Check

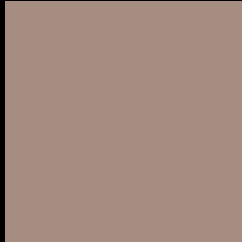
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0044, 28.6341, 24.7671 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 29.0044, 28.6341, 24.7671

Background



This preview shows how black text looks on a background with the XYZ color 29.0044, 28.6341, 24.7671.



This preview shows how white text looks on a background with the XYZ color 29.0044, 28.6341,

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

29.0044, 28.6341, 24.7671

Protanopia

27.1710, 28.5649, 25.5542

Deuteranopia

29.2132, 28.7417, 24.7769



Tritanopia

30.4496, 28.5624, 32.3420

Trichromacy



Original Color

29.0044, 28.6341, 24.7671

Protanomaly

27.9072, 28.7263, 25.1930

Deuteranomaly

29.2132, 28.7417, 24.7769

Tritanomaly

29.8410, 28.5252, 29.5243

Monochromacy



Original Color

29.0044, 28.6341, 24.7671

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1854, 29.0143, 28.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0044, 28.6341, 24.7671 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(165, 141, 129)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 129)  
}
```

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(165, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.0044, 28.6341, 24.7671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

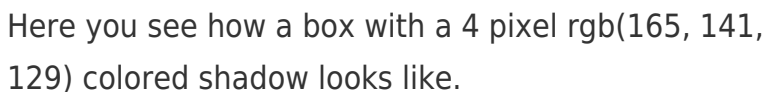
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 141, 129) }
```


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

```
.border{ border-color:rgb(165, 141, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 141, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 141, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 141, 129); box-shadow:4px 4px 4px 4px rgb(165, 141, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0044, 28.6341, 24.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 129) }
```

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

```
.background{ background-color: rgb(165,  
141, 129) }
```

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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