

Converting Colors

XYZ(41.2560, 34.6965, 29.4311)

Have a look what the booklet for
XYZ(41.2560, 34.6965, 29.4311)
contains.

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Color

**XYZ(41.2631, 34.6467,
29.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	D48C8C
RGB	212, 140, 140
RGB Percent	83%, 55%, 55%
CMY	0.1686, 0.4510, 0.4510
CMYK	0.00, 0.34, 0.34, 0.17
HSL	0°, 46%, 69%
HSV	0°, 34%, 83%
XYZ	41.2631, 34.6467, 29.3236
YIQ	161.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

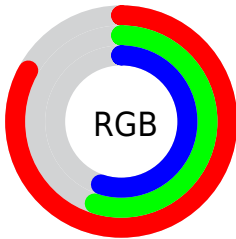
Format	Color
R _Y B	212, 140, 140
Decimal	13929612
CIE Lab	65.47, 27.42, 11.31
CIE LCh	65, 29.664, 22.420
Yxy	34.6467, 0.3921, 0.3292
Android (android.graphics.Color)	4292119692 (0xFFD48C8C)
YUV	161.5280, -10.6133, 44.2639
Hunter-Lab	58.8614, 22.1247, 11.6659

Details

The XYZ color **41.2631, 34.6467, 29.3236** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2414, 57.4137, 70.9322**, and the grayscale version is **34.1568, 35.9357, 39.1339**.

A 20% lighter version of the original color is **70.1574, 63.6938, 59.0485**, and **18.9354, 14.8515, 11.5415** is the 20% darker color. If you saturate the color by 10%, you get **37.0431, 28.4720, 20.9334**, and if you desaturate by 10%, it is **46.3828, 42.1386, 39.5001**.

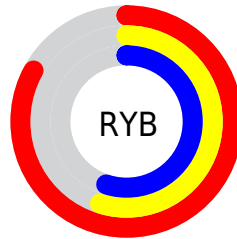
Distribution



Red (83%)

Green (55%)

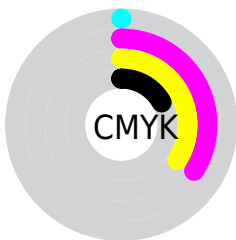
Blue (55%)



Red (83%)

Yellow (55%)

Blue (55%)

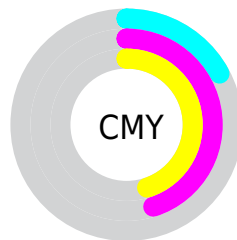


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2631, 34.6467, 29.3236 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 41.2631, 34.6467, 29.3236 by changing the saturation by 10% instead.

 41.2631, 34.6467,
29.3236


 41.2631, 34.6467,
29.3236

342.4629,
323.0061, 312.8473


 28.7133, 23.3909,
19.0781


 76.3553, 66.9381,
59.6391

 19.0072, 14.8824,
11.5493


 99.6284, 88.7424,
80.5462

 11.7795, 8.7369,
6.3188


 127.2067,
114.8317, 105.8442

 6.6649, 4.5700,
2.9680

159.4555,
145.5903, 135.9518

 3.2979, 1.9972,
1.0783

196.7402,
181.4027, 171.2873

 1.3132, 0.6059,
0.0000

239.4260,

 0.1930, 0.0000,

222.6532, 212.2693

0.0000

287.8785,
269.7262, 259.3165

■ 0.0000, 0.0000,
0.0000

■ 41.2631, 34.6467,
29.3236

■ 41.2631, 34.6467,
29.3236

■ 37.0431, 28.4720,
20.9334

■ 46.3828, 42.1386,
39.5001

■ 33.6683, 23.5337,
14.2247

■ 52.4470, 51.0123,
51.5557

■ 31.0827, 19.7500,
9.0847

■ 59.5010, 61.3341,
65.5788

■ 29.2221, 17.0273,
5.3862

■ 67.5861, 73.1649,
81.6520

■ 28.0125, 15.2573,
2.9820

■ 76.7415, 86.5618,
99.8530

■ 27.3643, 14.3087,
1.6937

■ 80.9614, 92.7371,
108.2407

■ 27.1516, 13.9974,
1.2707

Harmonies

Analogous

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



41.9149, 34.6467, 40.9657



41.2631, 34.6467, 29.3236



38.2868, 34.6467, 21.7767

Triad

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



41.2631, 34.6467, 29.3236



26.7500, 34.6467, 24.9452



31.8420, 34.6467, 66.7208

Complementary

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



41.2631, 34.6467, 29.3236



46.2414, 57.4137, 70.9322

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.



28.0989, 34.6467, 60.0118



41.2631, 34.6467, 29.3236



25.3317, 34.6467, 34.6587

Square

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



41.2631, 34.6467, 29.3236



29.8493, 34.6467, 19.6633



25.8030, 34.6467, 47.5935



36.2171, 34.6467, 64.4115

Rectangle

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



41.2631, 34.6467, 29.3236



35.5161, 34.6467, 19.2196



25.8030, 34.6467, 47.5935



30.4738, 34.6467, 65.4026

Sweetspot

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



41.2640, 34.6484, 29.3243



83.6111, 83.2618, 86.1596



48.4133, 37.5070, 66.9753



17.5792, 17.3576, 17.8115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.2640, 34.6484, 29.3243



57.7607, 45.4353, 34.7701



47.4105, 46.9414, 31.3731



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



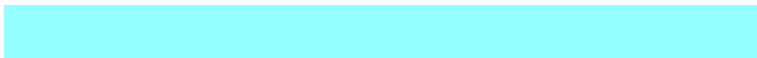
1.0110, 0.5213, 0.0473

Inverse Universe

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



46.2414, 57.4137, 70.9322



66.4685, 85.2625, 107.5618



38.2245, 41.3799, 68.2599



12.7922, 14.1078, 15.9864



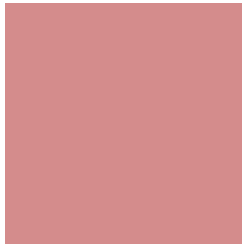
21.8689, 31.9995, 43.4771



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 41.2631, 34.6467, 29.3236 looks on a white background.

Color Contrast Check

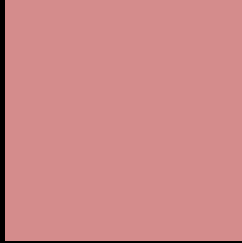
Large Text (above 18pt) WCAG AA × Fail

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 41.2631, 34.6467, 29.3236 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 ✓ Pass

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

XYZ 41.2631, 34.6467, 29.3236

Background



This preview shows how black text looks on a background with the XYZ color 41.2631, 34.6467, 29.3236.



This preview shows how white text looks on a background with the XYZ color 41.2631, 34.6467,

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

41.2631, 34.6467, 29.3236

Protanopia

33.2130, 34.8908, 33.8382

Deuteranopia

35.5071, 34.6847, 28.8681



Tritanopia

42.0980, 34.7813, 32.9284

Trichromacy



Original Color

41.2631, 34.6467, 29.3236

Protanomaly

35.4726, 34.3556, 31.9558

Deuteranomaly

37.4982, 34.5132, 29.1114

Tritanomaly

41.8615, 34.6867, 31.6830

Monochromacy



Original Color

41.2631, 34.6467, 29.3236

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.2107, 35.1476, 35.4475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2631, 34.6467, 29.3236 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(212, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 140)  
}
```

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(212, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 41.2631, 34.6467, 29.3236 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(212, 140, 140) }
```


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

```
.border{ border-color:rgb(212, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2631, 34.6467, 29.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 140) }
```

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

```
.background{ background-color: rgb(212,  
140, 140) }
```

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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