

Converting Colors

XYZ(41.2576, 34.9140, 30.0047)

Have a look what the booklet for
XYZ(41.2576, 34.9140, 30.0047)
contains.

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Color

**XYZ(41.2713, 34.8516,
30.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	D38D8E
RGB	211, 141, 142
RGB Percent	83%, 55%, 56%
CMY	0.1725, 0.4470, 0.4431
CMYK	0.00, 0.33, 0.33, 0.17
HSL	359°, 44%, 69%
HSV	359°, 33%, 83%
XYZ	41.2713, 34.8516, 30.1430
YIQ	162.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

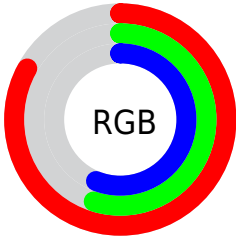
Format	Color
RYB	211, 141, 142
Decimal	13864334
CIELab	65.63, 26.76, 10.40
CIELCh	66, 28.706, 21.237
Yxy	34.8516, 0.3884, 0.3280
Android (android.graphics.Color)	4292054414 (0xFFD38D8E)
YUV	162.0440, -9.8817, 42.9344
Hunter-Lab	59.0352, 21.4770, 11.0516

Details

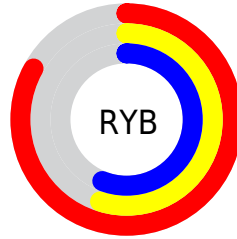
The XYZ color **41.2713, 34.8516, 30.1430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9131, 56.9051, 69.5395**, and the grayscale version is **34.3953, 36.1865, 39.4071**.

A 20% lighter version of the original color is **70.7189, 64.2757, 60.9037**, and **19.1055, 15.0536, 12.0239** is the 20% darker color. If you saturate the color by 10%, you get **37.0326, 28.6445, 21.7310**, and if you desaturate by 10%, it is **46.3959, 42.3639, 40.2886**.

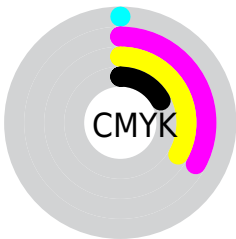
Distribution



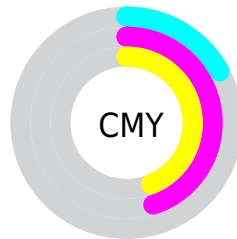
- Red (83%)
- Green (55%)
- Blue (56%)



- Red (83%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (17%)




- Cyan (17%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2713, 34.8516, 30.1430 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 41.2713, 34.8516, 30.1430 by changing the saturation by 10% instead.


 41.2713, 34.8516,
30.1430


 41.2713, 34.8516,
30.1430


342.4965,
323.9128, 316.7985


 28.7197, 23.5486,
19.6942

 76.3677, 67.2558,
60.9519

 19.0121, 14.9991,
11.9911


 99.6432, 89.1258,
82.1491

 11.7831, 8.8188,
6.6151


 127.2241,
115.2869, 107.7662

 6.6673, 4.6232,
3.1478

159.4757,
146.1235, 138.2217

 3.2994, 2.0279,
1.1706

196.7634,
182.0200, 173.9341

 1.3140, 0.6236,
0.0000

239.4525,

 0.1937, 0.0000,

223.3608, 215.3220

0.0000

287.9084,
270.5303, 262.8039

0.0000, 0.0000,
0.0000

41.2713, 34.8516,
30.1430

41.2713, 34.8516,
30.1430

37.0326, 28.6445,
21.7310

46.3959, 42.3639,
40.2886

33.6271, 23.6636,
14.9539

52.4498, 51.2447,
52.2551

31.0008, 19.8292,
9.7060

59.4767, 61.5589,
66.1263

29.0920, 17.0500,
5.8684

67.5169, 73.3660,
81.9802

27.8299, 15.2209,
3.3050

76.6083, 86.7222,
99.8905

■ 27.1293, 14.2151,
1.8525

■ 80.6740, 92.5889,
108.2272

■ 26.8804, 13.8555,
1.3438

Harmonies

Analogous

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



41.8015, 34.8516, 41.5957



41.2713, 34.8516, 30.1430



38.4650, 34.8516, 22.5694

Triad

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



41.2713, 34.8516, 30.1430



27.1974, 34.8516, 25.1876



31.9056, 34.8516, 65.8316

Complementary

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



41.2713, 34.8516, 30.1430



45.9131, 56.9051, 69.5395

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.



28.3043, 34.8516, 59.0840



41.2713, 34.8516, 30.1430



25.7414, 34.8516, 34.5190

Square

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



41.2713, 34.8516, 30.1430



30.2746, 34.8516, 20.1591



26.1287, 34.8516, 46.9947



36.1498, 34.8516, 63.9642

Rectangle

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



41.2713, 34.8516, 30.1430



35.8021, 34.8516, 19.9350



26.1287, 34.8516, 46.9947



30.5855, 34.8516, 64.4512

Sweetspot

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



41.2722, 34.8533, 30.1437



83.6615, 83.2812, 86.4273



47.8145, 37.4317, 66.3330



17.5913, 17.3622, 17.8755



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.



41.2722, 34.8533, 30.1437



58.5016, 46.3906, 36.6400



46.9702, 46.3683, 31.6758



11.8155, 11.8109, 12.3041



16.2255, 8.3630, 0.8278



0.9097, 0.4686, 0.0592

Inverse Universe

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



41.2722, 34.8533, 30.1437



58.5016, 46.3906, 36.6400



38.4989, 41.8776, 67.6821



11.8155, 11.8109, 12.3041



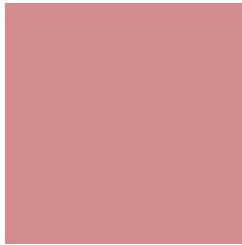
16.2255, 8.3630, 0.8278



0.9097, 0.4686, 0.0592

Previews

White Background



This preview shows how the XYZ color 41.2713, 34.8516, 30.1430 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 41.2713, 34.8516, 30.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

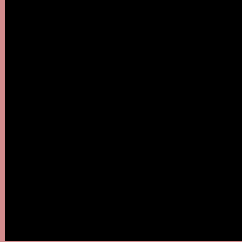
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2713, 34.8516, 30.1430

Background



This preview shows how black text looks on a background with the XYZ color 41.2713, 34.8516, 30.1430.



This preview shows how white text looks on a background with the XYZ color 41.2713, 34.8516,

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

41.2713, 34.8516, 30.1430

Protanopia

33.5827, 35.0626, 34.7035

Deuteranopia

35.5806, 34.9497, 29.6816



Tritanopia

42.0345, 34.9552, 33.3857

Trichromacy



Original Color

41.2713, 34.8516, 30.1430

Protanomaly

35.8649, 34.5397, 32.7935

Deuteranomaly

37.5475, 34.7554, 29.9288

Tritanomaly

41.7959, 34.8598, 32.1295

Monochromacy



Original Color

41.2713, 34.8516, 30.1430

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.2944, 35.1811, 35.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2713, 34.8516, 30.1430 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(211, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 142)  
}
```

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(211, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 142) }
```

Border

The CSS property to change the border of an element to XYZ 41.2713, 34.8516, 30.1430 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(211, 141, 142) }
```


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

```
.border{ border-color:rgb(211, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2713, 34.8516, 30.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 142) }
```

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

```
.background{ background-color: rgb(211,  
141, 142) }
```

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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