

Converting Colors

XYZ(40.0302, 30.3207, 24.5307)

Have a look what the booklet for
XYZ(40.0302, 30.3207, 24.5307)
contains.

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Color

**XYZ(40.0132, 30.3198,
24.5123)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7981
RGB	219, 121, 129
RGB Percent	86%, 47%, 51%
CMY	0.1412, 0.5255, 0.4941
CMYK	0.00, 0.45, 0.41, 0.14
HSL	355°, 58%, 67%
HSV	355°, 45%, 86%
XYZ	40.0132, 30.3198, 24.5123
YIQ	151.2140, 55.8400, 23.2640

Conversions

Conversions Part 2

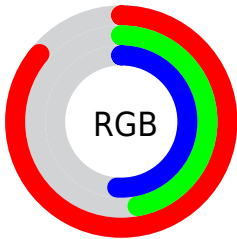
Format	Color
R _Y B	219, 121, 129
Decimal	14383489
CIE Lab	61.93, 38.83, 12.69
CIE LCh	62, 40.856, 18.102
Yxy	30.3198, 0.4219, 0.3197
Android (android.graphics.Color)	4292573569 (0xFFDB7981)
YUV	151.2140, -10.9515, 59.4483
Hunter-Lab	55.0634, 33.3505, 12.1506

Details

The XYZ color **40.0132, 30.3198, 24.5123** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9760, 59.4317, 70.7323**, and the grayscale version is **29.5366, 31.0748, 33.8404**.

A 20% lighter version of the original color is **65.0135, 55.2973, 51.5028**, and **18.3361, 12.5366, 9.0428** is the 20% darker color. If you saturate the color by 10%, you get **36.4395, 25.1056, 17.3616**, and if you desaturate by 10%, it is **44.4557, 36.8504, 33.2514**.

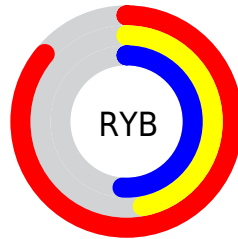
Distribution



Red (86%)

Green (47%)

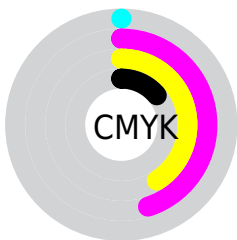
Blue (51%)



Red (86%)

Yellow (47%)

Blue (51%)

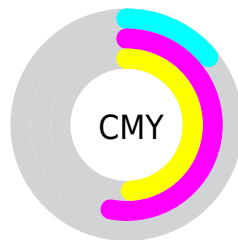


Cyan (0%)

Magenta (45%)

Yellow (41%)

Black (14%)



Cyan (14%)


Magenta (53%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0132, 30.3198, 24.5123 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 40.0132, 30.3198, 24.5123 by changing the saturation by 10% instead.


 40.0132, 30.3198,
24.5123


 40.0132, 30.3198,
24.5123

337.3127,
303.3923, 288.7699

 27.7331, 20.0815,
15.4984

 74.4678, 60.1676,
51.8192

 18.2640, 12.4543,
9.0194


 97.3731, 80.5458,
70.9492

 11.2405, 7.0538,
4.6569


 124.5507,
105.0727, 94.2884

 6.2973, 3.4958,
1.9922

156.3661,
134.1328, 122.2552

 3.0691, 1.3957,
0.5505

193.1847,
168.1104, 155.2682

 1.1904, 0.2136,
0.0000

235.3717,

 0.0988, 0.0000,

207.3899, 193.7460

0.0000

283.2926,
252.3557, 238.1070

■ 0.0000, 0.0000,
0.0000

■ 40.0132, 30.3198,
24.5123

■ 40.0132, 30.3198,
24.5123

■ 36.4395, 25.1056,
17.3616

■ 44.4557, 36.8504,
33.2514

■ 33.6754, 21.1142,
11.7022

■ 49.8164, 44.7736,
43.6648

■ 31.6578, 18.2471,
7.4287


■ 56.1438, 54.1651,
55.8342


■ 30.3134, 16.3884,
4.4215


■ 63.4823, 65.0940,
69.8354

■ 29.5537, 15.3971,
2.5403

■ 71.8735, 77.6247,
85.7398

 29.3214, 15.1033,
1.9364

 81.3567, 91.8184,
103.6151

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



40.3809, 30.3198, 39.6197



40.0132, 30.3198, 24.5123



36.4263, 30.3198, 15.2879

Triad

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



40.0132, 30.3198, 24.5123



21.6783, 30.3198, 16.7091



26.7039, 30.3198, 72.1195

Complementary

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



40.0132, 30.3198, 24.5123



44.9760, 59.4317, 70.7323

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.



22.3506, 30.3198, 60.8853



40.0132, 30.3198, 24.5123



19.7045, 30.3198, 27.1851

Square

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



40.0132, 30.3198, 24.5123



25.6728, 30.3198, 11.8644



19.9340, 30.3198, 43.2820



32.2103, 30.3198, 70.7088

Rectangle

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



40.0132, 30.3198, 24.5123



32.9206, 30.3198, 12.2127



19.9340, 30.3198, 43.2820



25.0714, 30.3198, 69.5809

Sweetspot

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



40.0140, 30.3213, 24.5129



80.8513, 78.8349, 81.8712



46.4406, 32.6151, 70.8653



16.8428, 16.1858, 16.6380



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.



40.0140, 30.3213, 24.5129



51.5678, 35.6252, 24.7653



45.5565, 42.2239, 23.8402



13.0989, 13.0687, 13.7823



17.4024, 8.9620, 1.2333



1.1427, 0.5867, 0.1606

Inverse Universe

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



40.0140, 30.3213, 24.5129



51.5678, 35.6252, 24.7653



36.6263, 41.0880, 73.0180



13.0989, 13.0687, 13.7823



17.4024, 8.9620, 1.2333



1.1427, 0.5867, 0.1606

Previews

White Background



This preview shows how the XYZ color 40.0132, 30.3198, 24.5123 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 40.0132, 30.3198, 24.5123 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 40.0132, 30.3198, 24.5123

Background



This preview shows how black text looks on a background with the XYZ color 40.0132, 30.3198, 24.5123.



This preview shows how white text looks on a background with the XYZ color 40.0132, 30.3198,

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

40.0132, 30.3198, 24.5123

Protanopia

29.1079, 30.3785, 30.7150

Deuteranopia

30.9085, 30.3114, 23.6237



Tritanopia

40.0801, 30.3465, 24.8641

Trichromacy



Original Color

40.0132, 30.3198, 24.5123

Protanomaly

32.2529, 29.7943, 28.4771

Deuteranomaly

33.8053, 30.0618, 23.7594

Tritanomaly

40.0801, 30.3465, 24.8641

Monochromacy



Original Color

40.0132, 30.3198, 24.5123

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.2405, 29.9694, 30.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0132, 30.3198, 24.5123 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(219, 121, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 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(219, 121, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 129) }
```

Border

The CSS property to change the border of an element to XYZ 40.0132, 30.3198, 24.5123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

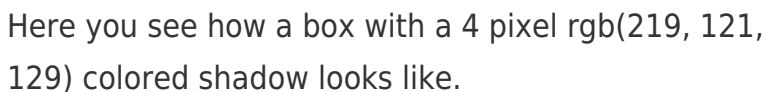
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 121, 129) }
```


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

```
.border{ border-color:rgb(219, 121, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 121, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 121, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 121, 129); box-shadow:4px 4px 4px 4px rgb(219, 121, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0132, 30.3198, 24.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 129) }
```

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

```
.background{ background-color: rgb(219,  
121, 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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