

Converting Colors

XYZ(41.2075, 31.0897, 25.9388)

Have a look what the booklet for
XYZ(41.2075, 31.0897, 25.9388)
contains.

XYZ(41.3174, 31.1421, 26.0237)	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(41.3174, 31.1421,
26.0237)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7A85
RGB	222, 122, 133
RGB Percent	87%, 48%, 52%
CMY	0.1294, 0.5215, 0.4784
CMYK	0.00, 0.45, 0.40, 0.13
HSL	353°, 60%, 67%
HSV	353°, 45%, 87%
XYZ	41.3174, 31.1421, 26.0237
YIQ	153.1540, 56.0690, 24.6210

Conversions

Conversions Part 2

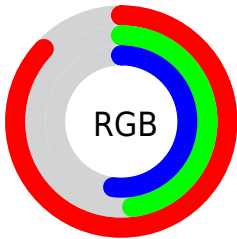
Format	Color
R _Y B	222, 122, 133
Decimal	14580357
CIE Lab	62.63, 39.85, 11.45
CIE LCh	63, 41.464, 16.026
Yxy	31.1421, 0.4195, 0.3162
Android (android.graphics.Color)	4292770437 (0xFFDE7A85)
YUV	153.1540, -9.9359, 60.3779
Hunter-Lab	55.8051, 34.5002, 11.4148

Details

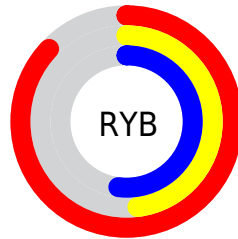
The XYZ color **41.3174, 31.1421, 26.0237** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.9067, 61.0840, 71.0023**, and the grayscale version is **30.3710, 31.9526, 34.7964**.

A 20% lighter version of the original color is **65.6283, 55.8558, 53.7766**, and **19.1002, 12.9129, 9.8733** is the 20% darker color. If you saturate the color by 10%, you get **37.6571, 25.8045, 18.6903**, and if you desaturate by 10%, it is **45.8587, 37.8306, 34.9182**.

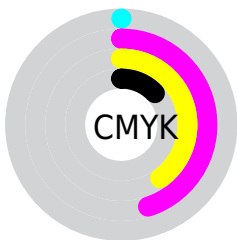
Distribution



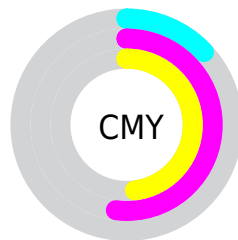
- Red (87%)
- Green (48%)
- Blue (52%)



- Red (87%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3174, 31.1421, 26.0237 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 41.3174, 31.1421, 26.0237 by changing the saturation by 10% instead.


 41.3174, 31.1421,
26.0237


 41.3174, 31.1421,
26.0237


342.6854,
307.1924, 296.5076


 28.7559, 20.7071,
16.6154


 76.4372, 61.4637,
54.2977

 19.0396, 12.9101,
9.8016


 99.7262, 82.1191,
74.0006

 11.8031, 7.3666,
5.1638


 127.3217,
106.9501, 97.9721

 6.6810, 3.6924,
2.2832

159.5892,
136.3410, 126.6307

 3.3079, 1.5030,
0.7218

196.8940,
170.6763, 160.3950

 1.3186, 0.2909,
0.0000

239.6013,

 0.1971, 0.0000,

210.3404, 199.6836

0.0000

288.0767,
255.7177, 244.9149

■ 0.0000, 0.0000,
0.0000

■ 41.3174, 31.1421,
26.0237

■ 41.3174, 31.1421,
26.0237

■ 37.6571, 25.8045,
18.6903

■ 45.8587, 37.8306,
34.9182

■ 34.8180, 21.7215,
12.8260

■ 51.3307, 45.9485,
45.4551

■ 32.7365, 18.7914,
8.3316


■ 57.7825, 55.5737,
57.7122


■ 31.3388, 16.8948,
5.0950


■ 65.2587, 66.7772,
71.7616

■ 30.5357, 15.8858,
2.9858

■ 73.8014, 79.6256,
87.6716

 30.2934, 15.5973,
2.3006

 83.3845, 94.0497,
105.4848

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



41.4433, 31.1421, 41.9905



41.3174, 31.1421, 26.0237



37.8018, 31.1421, 16.0843

Triad

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



41.3174, 31.1421, 26.0237



22.4495, 31.1421, 16.5683



27.0529, 31.1421, 73.9495

Complementary

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



41.3174, 31.1421, 26.0237



45.9067, 61.0840, 71.0023

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.



22.6790, 31.1421, 61.5898



41.3174, 31.1421, 26.0237



20.2592, 31.1421, 26.9363

Square

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



41.3174, 31.1421, 26.0237



26.7005, 31.1421, 11.9336



20.3376, 31.1421, 43.2438



32.7013, 31.1421, 73.4656

Rectangle

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



41.3174, 31.1421, 26.0237



34.2370, 31.1421, 12.6841



20.3376, 31.1421, 43.2438



25.4011, 31.1421, 71.0234

Sweetspot

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



41.3182, 31.1437, 26.0243



79.9996, 77.4196, 80.6985



46.8187, 32.9452, 72.9987



16.6809, 15.9097, 16.4372



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.



41.3182, 31.1437, 26.0243



51.8314, 35.7306, 26.1532



46.2668, 42.1936, 24.1200



13.7682, 13.7249, 14.5495



18.0137, 9.2725, 1.4721



1.2694, 0.6511, 0.2117

Inverse Universe

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



41.3182, 31.1437, 26.0243



51.8314, 35.7306, 26.1532



38.2836, 43.5556, 75.4966



13.7682, 13.7249, 14.5495



18.0137, 9.2725, 1.4721



1.2694, 0.6511, 0.2117

Previews

White Background



This preview shows how the XYZ color 41.3174, 31.1421, 26.0237 looks on a white background.

Color Contrast Check

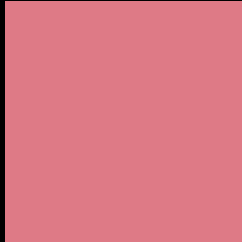
Large Text (above 18pt) WCAG AA × Fail

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 41.3174, 31.1421, 26.0237 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 41.3174, 31.1421, 26.0237

Background



This preview shows how black text looks on a background with the XYZ color 41.3174, 31.1421, 26.0237.



This preview shows how white text looks on a background with the XYZ color 41.3174, 31.1421,

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

41.3174, 31.1421, 26.0237

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

31.9205, 31.2567, 25.1196



Tritanopia

41.1805, 31.0874, 25.3027

Trichromacy



Original Color

41.3174, 31.1421, 26.0237

Protanomaly

32.9264, 30.3230, 30.1041

Deuteranomaly

34.7132, 30.7095, 25.2170

Tritanomaly

41.2486, 31.1146, 25.6615

Monochromacy



Original Color

41.3174, 31.1421, 26.0237

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.2214, 30.8863, 31.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3174, 31.1421, 26.0237 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(222, 122, 133)` looks like.

```
.text, #text, p{  
    color:rgb(222, 122, 133)  
}
```

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(222, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 122, 133) }
```

Border

The CSS property to change the border of an element to XYZ 41.3174, 31.1421, 26.0237 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(222, 122, 133) }
```


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

```
.border{ border-color:rgb(222, 122, 133) }
```

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

Here you see how a box with a 4 pixel rgb(222, 122, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(222, 122,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3174, 31.1421, 26.0237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 122, 133) }
```

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

```
.background{ background-color: rgb(222,  
122, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor