

Converting Colors

XYZ(41.6570, 32.9668, 25.8220)

Have a look what the booklet for
XYZ(41.6570, 32.9668, 25.8220)
contains.

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Color

**XYZ(41.7964, 33.1142,
26.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8384
RGB	220, 131, 132
RGB Percent	86%, 51%, 52%
CMY	0.1373, 0.4863, 0.4823
CMYK	0.00, 0.40, 0.40, 0.14
HSL	359°, 56%, 69%
HSV	359°, 40%, 86%
XYZ	41.7964, 33.1142, 26.0186
YIQ	157.7250, 52.7230, 19.1790

Conversions

Conversions Part 2

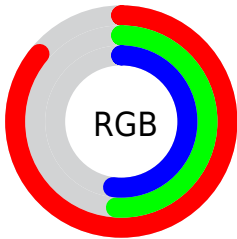
Format	Color
R _Y B	220, 131, 132
Decimal	14451588
CIE Lab	64.25, 34.30, 14.26
CIE LCh	64, 37.148, 22.571
Yxy	33.1142, 0.4141, 0.3281
Android (android.graphics.Color)	4292641668 (0xFFDC8384)
YUV	157.7250, -12.6824, 54.6152
Hunter-Lab	57.5449, 28.9456, 13.4738

Details

The XYZ color **41.7964, 33.1142, 26.0186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.7411, 61.1269, 76.3037**, and the grayscale version is **32.4146, 34.1026, 37.1378**.

A 20% lighter version of the original color is **67.3459, 59.4607, 53.8265**, and **19.3303, 14.0432, 9.8754** is the 20% darker color. If you saturate the color by 10%, you get **37.8124, 27.2854, 18.0962**, and if you desaturate by 10%, it is **46.7198, 40.3250, 35.7861**.

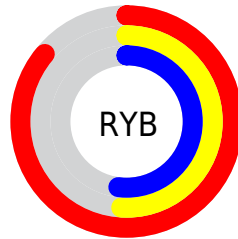
Distribution



Red (86%)

Green (51%)

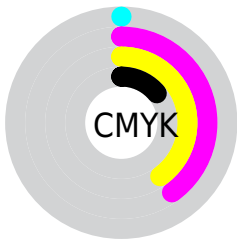
Blue (52%)



Red (86%)

Yellow (51%)

Blue (52%)

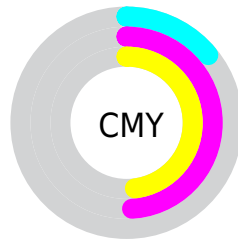


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7964, 33.1142, 26.0186 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 41.7964, 33.1142, 26.0186 by changing the saturation by 10% instead.


 41.7964, 33.1142,
26.0186

 41.7964, 33.1142,
26.0186


344.6442,
316.1640, 296.4818


 29.1323, 22.2139,
16.6117


 77.1585, 64.5538,
54.2894

 19.3257, 14.0142,
9.7990


 100.5872, 85.8619,
73.9904

 12.0113, 8.1305,
5.1620


 128.3348,
111.4081, 97.9597

 6.8236, 4.1786,
2.2822

160.7667,
141.5768, 126.6160

 3.3974, 1.7740,
0.7212

198.2483,
176.7523, 160.3779

 1.3672, 0.4709,
0.0000

241.1448,

 0.2327, 0.0000,

217.3191, 199.6637

0.0000

289.8217,
263.6615, 244.8922

0.0000, 0.0000,
0.0000

41.7964, 33.1142,
26.0186

41.7964, 33.1142,
26.0186

37.8124, 27.2854,
18.0962

46.7198, 40.3250,
35.7861

34.7059, 22.7458,
11.9011

52.6343, 48.9931,
47.5026

32.4112, 19.3991,
7.3054

59.5911, 59.1942,
61.2664

30.8527, 17.1332,
4.1620

67.6368, 70.9972,
77.1687

29.9405, 15.8150,
2.2974

76.8153, 84.4670,
95.2952

■ 29.5287, 15.2210,
1.4523

■ 83.3252, 93.9557,
108.3513

Harmonies

Analogous

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



42.6375, 33.1142, 39.9423



41.7964, 33.1142, 26.0186



38.0478, 33.1142, 17.5621

Triad

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



41.7964, 33.1142, 26.0186



24.0891, 33.1142, 21.1293



30.1811, 33.1142, 73.1980

Complementary

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



41.7964, 33.1142, 26.0186



47.7411, 61.1269, 76.3037

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.



25.7048, 33.1142, 64.3822



41.7964, 33.1142, 26.0186



22.4520, 33.1142, 32.4298

Square

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



41.7964, 33.1142, 26.0186



27.7403, 33.1142, 15.3387



23.0087, 33.1142, 48.3900



35.5286, 33.1142, 70.0683

Rectangle

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



41.7964, 33.1142, 26.0186



34.6099, 33.1142, 14.8402



23.0087, 33.1142, 48.3900



28.5336, 33.1142, 71.4651

Sweetspot

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



41.7973, 33.1158, 26.0192



81.5587, 80.2088, 82.2331



50.1036, 36.3868, 72.0928



17.1716, 16.7495, 17.0369



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.



41.7973, 33.1158, 26.0192



53.3564, 38.8894, 26.3262



48.7522, 47.1343, 28.0032



13.0619, 13.0539, 13.5874



17.3328, 8.9342, 0.8666



1.1250, 0.5796, 0.0673

Inverse Universe

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



41.7973, 33.1158, 26.0192



53.3564, 38.8894, 26.3262



37.9987, 41.4319, 73.7046



13.0619, 13.0539, 13.5874



17.3328, 8.9342, 0.8666



1.1250, 0.5796, 0.0673

Previews

White Background



This preview shows how the XYZ color 41.7964, 33.1142, 26.0186 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 41.7964, 33.1142, 26.0186 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 41.7964, 33.1142, 26.0186

Background



This preview shows how black text looks on a background with the XYZ color 41.7964, 33.1142, 26.0186.



This preview shows how white text looks on a background with the XYZ color 41.7964, 33.1142,

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

41.7964, 33.1142, 26.0186

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

33.9248, 33.2214, 25.3932



Tritanopia

42.4616, 33.2015, 28.5967

Trichromacy



Original Color

41.7964, 33.1142, 26.0186

Protanomaly

34.6958, 32.8282, 29.3187

Deuteranomaly

36.3574, 32.8587, 25.5452

Tritanomaly

42.2454, 33.1150, 27.4578

Monochromacy



Original Color

41.7964, 33.1142, 26.0186

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.0708, 33.1735, 32.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7964, 33.1142, 26.0186 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(220, 131, 132)` looks like.

```
.text, #text, p{  
    color:rgb(220, 131, 132)  
}
```

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(220, 131, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 131, 132) }
```

Border

The CSS property to change the border of an element to XYZ 41.7964, 33.1142, 26.0186 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(220, 131, 132) }
```


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

```
.border{ border-color:rgb(220, 131, 132) }
```

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

Here you see how a box with a 4 pixel rgb(220, 131, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 131, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 131, 132);  
box-shadow:4px 4px 4px 4px rgb(220, 131,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7964, 33.1142, 26.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 131, 132) }
```

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

```
.background{ background-color: rgb(220,  
131, 132) }
```

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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