

Converting Colors

XYZ(42.2082, 33.2630, 24.5929)

Have a look what the booklet for
XYZ(42.2082, 33.2630, 24.5929)
contains.

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Color

**XYZ(42.1368, 33.3207,
24.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8380
RGB	222, 131, 128
RGB Percent	87%, 51%, 50%
CMY	0.1294, 0.4863, 0.4980
CMYK	0.00, 0.41, 0.42, 0.13
HSL	2°, 59%, 69%
HSV	2°, 42%, 87%
XYZ	42.1368, 33.3207, 24.6328
YIQ	157.8670, 55.1990, 18.3590

Conversions

Conversions Part 2

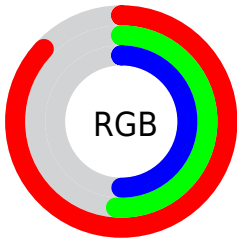
Format	Color
R _Y B	222, 131, 128
Decimal	14582656
CIE Lab	64.42, 34.61, 16.79
CIE LCh	64, 38.471, 25.875
Yxy	33.3207, 0.4210, 0.3329
Android (android.graphics.Color)	4292772736 (0xFFDE8380)
YUV	157.8670, -14.7244, 56.2446
Hunter-Lab	57.7241, 29.2823, 15.1058

Details

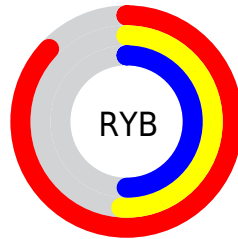
The XYZ color **42.1368, 33.3207, 24.6328** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.4173, 60.5236, 78.2903**, and the grayscale version is **32.4870, 34.1789, 37.2208**.

A 20% lighter version of the original color is **66.9295, 59.2941, 51.6334**, and **19.5898, 14.1943, 9.1044** is the 20% darker color. If you saturate the color by 10%, you get **38.2392, 27.6137, 16.8961**, and if you desaturate by 10%, it is **46.9544, 40.3560, 34.2539**.

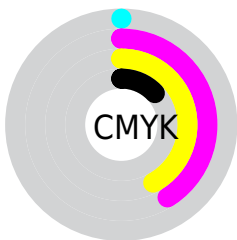
Distribution



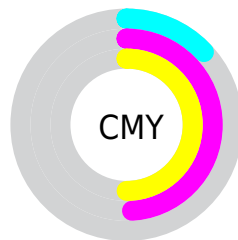
- Red (87%)
- Green (51%)
- Blue (50%)



- Red (87%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (13%)




- Cyan (13%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1368, 33.3207, 24.6328 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 42.1368, 33.3207, 24.6328 by changing the saturation by 10% instead.


 42.1368, 33.3207,
24.6328


 42.1368, 33.3207,
24.6328


346.0317,
317.0924, 289.3932

 29.4000, 22.3722,
15.5872


 77.6705, 64.8759,
52.0176

 19.5294, 14.1307,
9.0813


 101.1981, 86.2514,
71.1938

 12.1597, 8.2116,
4.6967


 129.0533,
111.8714, 94.5840

 6.9255, 4.2306,
2.0148

161.6016,
142.1203, 122.6067

 3.4615, 1.8034,
0.5644

199.2082,
177.3824, 155.6804

 1.4022, 0.4893,
0.0000

242.2385,

 0.2578, 0.0000,

218.0422, 194.2237

0.0000

291.0579,
264.4841, 238.6551

■ 0.0000, 0.0000,
0.0000

■ 42.1368, 33.3207,
24.6328

■ 42.1368, 33.3207,
24.6328

■ 38.2392, 27.6137,
16.8961

■ 46.9544, 40.3560,
34.2539

■ 35.2006, 23.1471,
10.9184

■ 52.7427, 48.7905,
45.8697

■ 32.9570, 19.8301,
6.5623

■ 59.5516, 58.6960,
59.5844

■ 31.4338, 17.5576,
3.6692

■ 67.4271, 70.1379,
75.4943

■ 30.5429, 16.2051,
2.0485

■ 76.4123, 83.1775,
93.6897

■ 30.2012, 15.6836,
1.4355

■ 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.



43.3949, 33.3207, 38.4965



42.1368, 33.3207, 24.6328



37.9618, 33.3207, 16.5836

Triad

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



42.1368, 33.3207, 24.6328



23.7187, 33.3207, 21.8391



30.9179, 33.3207, 75.5061

Complementary

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



42.1368, 33.3207, 24.6328



47.4173, 60.5236, 78.2903

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.



26.1154, 33.3207, 67.4615



42.1368, 33.3207, 24.6328



22.2743, 33.3207, 34.1513

Square

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



42.1368, 33.3207, 24.6328



27.2878, 33.3207, 15.3277



23.0987, 33.3207, 51.1200



36.4986, 33.3207, 70.7998

Rectangle

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



42.1368, 33.3207, 24.6328



34.3139, 33.3207, 14.1678



23.0987, 33.3207, 51.1200



29.1661, 33.3207, 74.1534

Sweetspot

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



42.1377, 33.3224, 24.6334



80.7683, 79.2530, 80.0423



50.8192, 36.1585, 72.3122



16.8226, 16.2871, 16.1946



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.



42.1377, 33.3224, 24.6334



52.8029, 38.4682, 24.0274



49.6573, 48.3617, 27.1400



13.7422, 13.7703, 14.2404



17.9542, 9.3464, 0.8577



1.2571, 0.6730, 0.0636

Inverse Universe

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



47.4173, 60.5236, 78.2903



60.9482, 80.4722, 106.9281



37.1140, 39.9170, 74.8558



14.0770, 15.4932, 17.6362



22.2673, 32.0041, 46.0522



1.5554, 2.2423, 3.1961

Previews

White Background



This preview shows how the XYZ color 42.1368, 33.3207, 24.6328 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 42.1368, 33.3207, 24.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

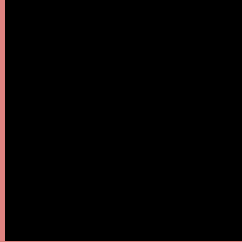
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1368, 33.3207, 24.6328

Background



This preview shows how black text looks on a background with the XYZ color 42.1368, 33.3207, 24.6328.



This preview shows how white text looks on a background with the XYZ color 42.1368, 33.3207,

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

42.1368, 33.3207, 24.6328

Protanopia

31.7263, 33.4569, 29.5966

Deuteranopia

34.1365, 33.3606, 24.0421



Tritanopia

42.9419, 33.2526, 28.5812

Trichromacy



Original Color

42.1368, 33.3207, 24.6328

Protanomaly

34.6448, 32.8354, 27.8044

Deuteranomaly

36.6143, 33.0216, 24.1827

Tritanomaly

42.7872, 33.4025, 27.1139

Monochromacy



Original Color

42.1368, 33.3207, 24.6328

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.9124, 33.1102, 32.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1368, 33.3207, 24.6328 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, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 131, 128)  
}
```

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, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 131, 128) }
```

Border

The CSS property to change the border of an element to XYZ 42.1368, 33.3207, 24.6328 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, 131, 128) }
```


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

```
.border{ border-color:rgb(222, 131, 128) }
```

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

Here you see how a box with a 4 pixel rgb(222, 131, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(222, 131,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1368, 33.3207, 24.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 131, 128) }
```

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

```
.background{ background-color: rgb(222,  
131, 128) }
```

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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