

Converting Colors

XYZ(41.9369, 32.8151, 24.8925)

Have a look what the booklet for
XYZ(41.9369, 32.8151, 24.8925)
contains.

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Color

**XYZ(41.9369, 32.8151,
24.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8181
RGB	222, 129, 129
RGB Percent	87%, 51%, 51%
CMY	0.1294, 0.4941, 0.4941
CMYK	0.00, 0.42, 0.42, 0.13
HSL	0°, 58%, 69%
HSV	0°, 42%, 87%
XYZ	41.9369, 32.8151, 24.8925
YIQ	156.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

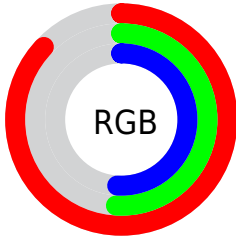
Format	Color
R _Y B	222, 129, 129
Decimal	14582145
CIE Lab	64.01, 35.77, 15.66
CIE LCh	64, 39.049, 23.639
Yxy	32.8151, 0.4209, 0.3293
Android (android.graphics.Color)	4292772225 (0xFFDE8181)
YUV	156.8070, -13.7089, 57.1743
Hunter-Lab	57.2845, 30.4287, 14.3351

Details

The XYZ color **41.9369, 32.8151, 24.8925** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.3580, 62.1807, 78.5605**, and the grayscale version is **32.0041, 33.6708, 36.6676**.

A 20% lighter version of the original color is **66.6170, 58.5044, 52.0373**, and **19.4822, 13.9205, 9.2495** is the 20% darker color. If you saturate the color by 10%, you get **38.0052, 27.0622, 17.0755**, and if you desaturate by 10%, it is **46.8260, 39.9697, 34.6107**.

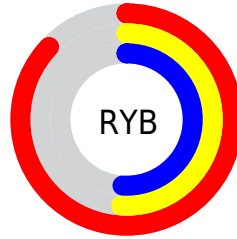
Distribution



Red (87%)

Green (51%)

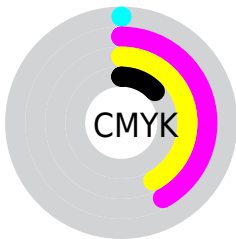
Blue (51%)



Red (87%)

Yellow (51%)

Blue (51%)

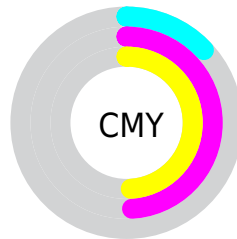


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9369, 32.8151, 24.8925 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 41.9369, 32.8151, 24.8925 by changing the saturation by 10% instead.


 41.9369, 32.8151,
24.8925


 41.9369, 32.8151,
24.8925

345.2174,
314.8157, 290.7327


 29.2428, 21.9848,
15.7787


 77.3699, 64.0867,
52.4447

 19.4098, 13.8458,
9.2150

 100.8395, 85.2969,
71.7202

 12.0725, 8.0135,
4.7830


 128.6315,
110.7359, 95.2200

 6.8656, 4.1036,
2.0640

161.1115,
140.7879, 123.3627

 3.4238, 1.7317,
0.5942

198.6447,
175.8376, 156.5668

 1.3816, 0.4440,
0.0000

241.5966,

 0.2431, 0.0000,

216.2692, 195.2507

0.0000

290.3323,
262.4671, 239.8332

■ 0.0000, 0.0000,
0.0000

■ 41.9369, 32.8151,
24.8925

■ 41.9369, 32.8151,
24.8925

■ 38.0052, 27.0622,
17.0755

■ 46.8260, 39.9697,
34.6107

■ 34.9658, 22.6147,
11.0336

■ 52.7269, 48.6045,
46.3415

■ 32.7497, 19.3718,
6.6284

■ 59.6929, 58.7977,
60.1896

■ 31.2765, 17.2160,
3.7000

■ 67.7729, 70.6208,
76.2523

■ 30.4499, 16.0063,
2.0569

■ 77.0125, 84.1410,
94.6206

■ 30.1243, 15.5298,
1.4098

■ 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



42.9484, 32.8151, 39.1984



41.9369, 32.8151, 24.8925



37.9021, 32.8151, 16.4424

Triad

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



41.9369, 32.8151, 24.8925



23.4123, 32.8151, 20.5911



30.0306, 32.8151, 75.1642

Complementary

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



41.9369, 32.8151, 24.8925



48.3580, 62.1807, 78.5605

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.



25.3207, 32.8151, 66.1574



41.9369, 32.8151, 24.8925



21.8009, 32.8151, 32.4726

Square

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



41.9369, 32.8151, 24.8925



27.1316, 32.8151, 14.5189



22.4561, 32.8151, 49.3294



35.6336, 32.8151, 71.3572

Rectangle

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



41.9369, 32.8151, 24.8925



34.2704, 32.8151, 13.8082



22.4561, 32.8151, 49.3294



28.2995, 32.8151, 73.4666

Sweetspot

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



41.9377, 32.8167, 24.8931



80.4867, 78.6898, 79.9484



51.1593, 36.5043, 73.4568



16.7544, 16.1507, 16.1719



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.



41.9377, 32.8167, 24.8931



52.7585, 38.1155, 24.8263



49.5142, 47.9697, 27.4186



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



48.3580, 62.1807, 78.5605



62.6347, 83.2859, 107.3823



37.6658, 40.7962, 74.9964



14.1166, 15.5722, 17.6494



23.3451, 34.1597, 46.4114



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 41.9369, 32.8151, 24.8925 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 41.9369, 32.8151, 24.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

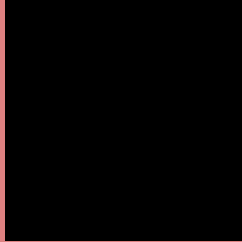
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9369, 32.8151, 24.8925

Background



This preview shows how black text looks on a background with the XYZ color 41.9369, 32.8151, 24.8925.



This preview shows how white text looks on a background with the XYZ color 41.9369, 32.8151,

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

41.9369, 32.8151, 24.8925

Protanopia

31.5041, 33.0771, 30.3153

Deuteranopia

33.5052, 32.7993, 23.9670



Tritanopia

42.6660, 32.9325, 27.7748

Trichromacy



Original Color

41.9369, 32.8151, 24.8925

Protanomaly

34.5614, 32.5543, 28.1289

Deuteranomaly

36.2038, 32.5881, 24.1207

Tritanomaly

42.4537, 32.8475, 26.6569

Monochromacy



Original Color

41.9369, 32.8151, 24.8925

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.7562, 32.7978, 32.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9369, 32.8151, 24.8925 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, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(222, 129, 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(222, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 129, 129) }
```

Border

The CSS property to change the border of an element to XYZ 41.9369, 32.8151, 24.8925 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, 129, 129) }
```


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

```
.border{ border-color:rgb(222, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(222, 129,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9369, 32.8151, 24.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 129, 129) }
```

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

```
.background{ background-color: rgb(222,  
129, 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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