

Converting Colors

XYZ(41.8858, 33.0275, 26.7248)

Have a look what the booklet for
XYZ(41.8858, 33.0275, 26.7248)
contains.

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Color

**XYZ(41.8009, 32.9021,
26.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8286
RGB	220, 130, 134
RGB Percent	86%, 51%, 53%
CMY	0.1373, 0.4902, 0.4745
CMYK	0.00, 0.41, 0.39, 0.14
HSL	357°, 56%, 69%
HSV	357°, 41%, 86%
XYZ	41.8009, 32.9021, 26.7019
YIQ	157.3660, 52.3560, 20.3240

Conversions

Conversions Part 2

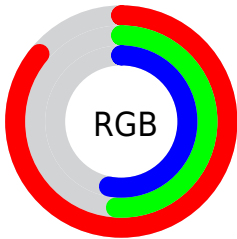
Format	Color
RYB	220, 130, 134
Decimal	14451334
CIELab	64.08, 35.06, 12.89
CIElCh	64, 37.349, 20.181
Yxy	32.9021, 0.4122, 0.3245
Android (android.graphics.Color)	4292641414 (0xFFDC8286)
YUV	157.3660, -11.5194, 54.9300
Hunter-Lab	57.3604, 29.6998, 12.5521

Details

The XYZ color **41.8009, 32.9021, 26.7019** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.1953, 60.8908, 74.2346**, and the grayscale version is **32.2473, 33.9266, 36.9461**.

A 20% lighter version of the original color is **67.3501, 59.1288, 54.8770**, and **19.3360, 13.9292, 10.2638** is the 20% darker color. If you saturate the color by 10%, you get **37.8578, 27.1338, 18.8582**, and if you desaturate by 10%, it is **46.6628, 40.0414, 36.2905**.

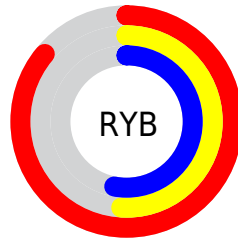
Distribution



Red (86%)

Green (51%)

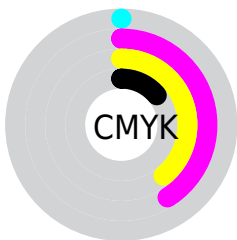
Blue (53%)



Red (86%)

Yellow (51%)

Blue (53%)

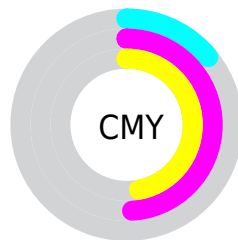


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (14%)



Cyan (14%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8009, 32.9021, 26.7019 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 41.8009, 32.9021, 26.7019 by changing the saturation by 10% instead.


 41.8009, 32.9021,
26.7019


 41.8009, 32.9021,
26.7019


344.6626,
315.2084, 299.9252

 29.1358, 22.0515,
17.1190


 77.1653, 64.2227,
55.4031

 19.3284, 13.8947,
10.1565


 100.5953, 85.4614,
75.3584

 12.0132, 8.0475,
5.3959


 128.3443,
110.9315, 99.6083

 6.8250, 4.1253,
2.4186

160.7778,
141.0176, 128.5713

 3.3982, 1.7439,
0.7965

198.2610,
176.1039, 162.6660

 1.3677, 0.4519,
0.0000

241.1593,

 0.2330, 0.0000,

216.5749, 202.3108

0.0000

289.8380,
262.8149, 247.9244

■ 0.0000, 0.0000,
0.0000

■ 41.8009, 32.9021,
26.7019

■ 41.8009, 32.9021,
26.7019

■ 37.8578, 27.1338,
18.8582

■ 46.6628, 40.0414,
36.2905

■ 34.7732, 22.6441,
12.6528

■ 52.4936, 48.6265,
47.7182

■ 32.4840, 19.3371,
7.9700

■ 59.3426, 58.7326,
61.0749

■ 30.9171, 17.1015,
4.6786

■ 67.2554, 70.4284,
76.4438

■ 29.9858, 15.8043,
2.6250

■ 76.2744, 83.7782,
93.9033

■ 29.5687, 15.2370,
1.6631

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



42.3794, 32.9021, 41.0147



41.8009, 32.9021, 26.7019



38.2337, 32.9021, 17.8131

Triad

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



41.8009, 32.9021, 26.7019



24.1056, 32.9021, 20.2466



29.5731, 32.9021, 72.7854

Complementary

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



41.8009, 32.9021, 26.7019



47.1953, 60.8908, 74.2346

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.



25.2120, 32.9021, 63.1154



41.8009, 32.9021, 26.7019



22.2984, 32.9021, 31.0922

Square

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



41.8009, 32.9021, 26.7019



27.8995, 32.9021, 14.8791



22.6793, 32.9021, 46.8197



34.9069, 32.9021, 70.6270

Rectangle

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



41.8009, 32.9021, 26.7019



34.8420, 32.9021, 14.8441



22.6793, 32.9021, 46.8197



27.9555, 32.9021, 70.7260

Sweetspot

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



41.8018, 32.9037, 26.7025



81.6976, 80.2643, 82.9645



49.0731, 35.6571, 72.0062



17.2039, 16.7624, 17.2072



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.



41.8018, 32.9037, 26.7025



53.6446, 39.0047, 27.8440



48.0141, 45.7660, 27.4243



13.0794, 13.0608, 13.6791



17.3643, 8.9468, 1.0328



1.1334, 0.5830, 0.1113

Inverse Universe

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



41.8018, 32.9037, 26.7025



53.6446, 39.0047, 27.8440



38.3461, 42.3557, 73.8645



13.0794, 13.0608, 13.6791



17.3643, 8.9468, 1.0328



1.1334, 0.5830, 0.1113

Previews

White Background



This preview shows how the XYZ color 41.8009, 32.9021, 26.7019 looks on a white background.

Color Contrast Check

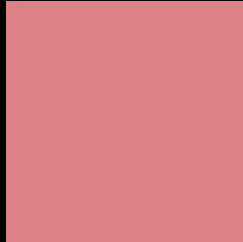
Large Text (above 18pt) WCAG AA × Fail

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 41.8009, 32.9021, 26.7019 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 41.8009, 32.9021, 26.7019

Background



This preview shows how black text looks on a background with the XYZ color 41.8009, 32.9021, 26.7019.



This preview shows how white text looks on a background with the XYZ color 41.8009, 32.9021,

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

41.8009, 32.9021, 26.7019

Protanopia

31.6857, 33.1263, 32.3278

Deuteranopia

33.8255, 33.1547, 26.0894



Tritanopia

42.0257, 32.7802, 28.5383

Trichromacy



Original Color

41.8009, 32.9021, 26.7019

Protanomaly

34.4528, 32.4558, 30.0399

Deuteranomaly

36.4930, 32.9130, 26.2592

Tritanomaly

41.8808, 32.7223, 27.7756

Monochromacy



Original Color

41.8009, 32.9021, 26.7019

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.6809, 32.7407, 32.9255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8009, 32.9021, 26.7019 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, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(220, 130, 134)  
}
```

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, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 130, 134) }
```

Border

The CSS property to change the border of an element to XYZ 41.8009, 32.9021, 26.7019 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, 130, 134) }
```


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

```
.border{ border-color:rgb(220, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(220, 130,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8009, 32.9021, 26.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 130, 134) }
```

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

```
.background{ background-color: rgb(220,  
130, 134) }
```

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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