

Converting Colors

XYZ(42.0988, 33.1329, 32.2729)

Have a look what the booklet for
XYZ(42.0988, 33.1329, 32.2729)
contains.

XYZ(42.0769, 33.1224, 32.1925)	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(42.0769, 33.1224,
32.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	D98394
RGB	217, 131, 148
RGB Percent	85%, 51%, 58%
CMY	0.1490, 0.4863, 0.4196
CMYK	0.00, 0.40, 0.32, 0.15
HSL	348°, 53%, 68%
HSV	348°, 40%, 85%
XYZ	42.0769, 33.1224, 32.1925
YIQ	158.6520, 45.7990, 23.5190

Conversions

Conversions Part 2

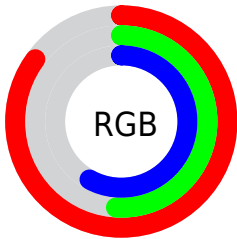
Format	Color
RYB	217, 131, 148
Decimal	14254996
CIELab	64.26, 35.12, 5.14
CIELCh	64, 35.497, 8.328
Yxy	33.1224, 0.3918, 0.3084
Android (android.graphics.Color)	4292445076 (0xFFD98394)
YUV	158.6520, -5.2514, 51.1712
Hunter-Lab	57.5521, 29.7871, 7.1218

Details

The XYZ color **42.0769, 33.1224, 32.1925** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.5998, 58.6220, 63.6113**, and the grayscale version is **32.8052, 34.5136, 37.5853**.

A 20% lighter version of the original color is **69.2496, 60.2222, 63.8513**, and **19.5235, 14.0740, 12.9968** is the 20% darker color. If you saturate the color by 10%, you get **38.1856, 27.3819, 24.5997**, and if you desaturate by 10%, it is **46.7876, 40.1696, 41.0819**.

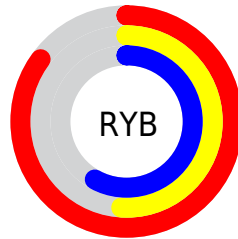
Distribution



Red (85%)

Green (51%)

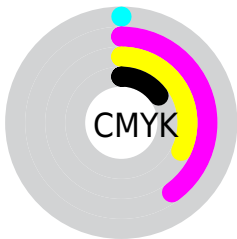
Blue (58%)



Red (85%)

Yellow (51%)

Blue (58%)

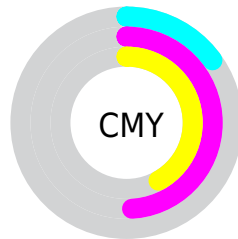


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0769, 33.1224, 32.1925 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 42.0769, 33.1224, 32.1925 by changing the saturation by 10% instead.


 42.0769, 33.1224,
32.1925


 42.0769, 33.1224,
32.1925


345.7878,
316.2009, 326.5149


 29.3529, 22.2202,
21.2425

 77.5804, 64.5666,
64.2142

 19.4936, 14.0188,
13.1084


 101.0907, 85.8774,
86.1229

 12.1336, 8.1337,
7.3717


 128.9270,
111.4265, 112.5217

 6.9076, 4.1807,
3.6136

161.4548,
141.5984, 143.8291

 3.4502, 1.7751,
1.4159

199.0394,
176.7773, 180.4635

 1.3960, 0.4716,
0.1541

242.0462,

 0.2534, 0.0000,

217.3478, 222.8436

0.0000

290.8406,
263.6942, 271.3879

■ 0.0000, 0.0000,
0.0000

■ 42.0769, 33.1224,
32.1925

■ 42.0769, 33.1224,
32.1925

■ 38.1856, 27.3819,
24.5997

■ 46.7876, 40.1696,
41.0819

■ 35.0635, 22.8629,
18.2403

■ 52.3588, 48.5924,
51.3233

■ 32.6587, 19.4774,
13.0483

■ 58.8320, 58.4605,
62.9710

■ 30.9117, 17.1236,
8.9506

■ 66.2451, 69.8374,
76.0759

■ 29.7528, 15.6814,
5.8656

■ 74.6340, 82.7829,
90.6863

■ 29.0700, 14.9476,
3.6900

■ 82.0206, 93.3299,
106.1775

■ 29.0493, 14.9254,
3.6244

■ 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



41.3736, 33.1224, 47.3157



42.0769, 33.1224, 32.1925



39.7124, 33.1224, 21.4459

Triad

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



42.0769, 33.1224, 32.1925



25.8463, 33.1224, 18.3799



28.0369, 33.1224, 68.4934

Complementary

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



42.0769, 33.1224, 32.1925



44.5998, 58.6220, 63.6113

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.



24.4751, 33.1224, 56.1596



42.0769, 33.1224, 32.1925



23.3075, 33.1224, 26.7555

Square

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



42.0769, 33.1224, 32.1925



30.0991, 33.1224, 14.9839



22.8338, 33.1224, 40.2355



32.9064, 33.1224, 71.0854

Rectangle

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



42.0769, 33.1224, 32.1925



36.8492, 33.1224, 17.2258



22.8338, 33.1224, 40.2355



26.6628, 33.1224, 65.2167

Sweetspot

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



42.0778, 33.1240, 32.1931



82.3492, 80.5249, 86.3954



44.4079, 33.4959, 69.7707



17.3560, 16.8233, 18.0077



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.



42.0778, 33.1240, 32.1931



55.6408, 40.3529, 36.6607



44.7363, 40.4383, 26.9222



13.1607, 13.0934, 14.1076



17.6148, 9.0470, 2.3516



1.1719, 0.5984, 0.3142

Inverse Universe

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



42.0778, 33.1240, 32.1931



55.6408, 40.3529, 36.6607



40.5602, 47.1853, 72.6158



13.1607, 13.0934, 14.1076



17.6148, 9.0470, 2.3516



1.1719, 0.5984, 0.3142

Previews

White Background



This preview shows how the XYZ color 42.0769, 33.1224, 32.1925 looks on a white background.

Color Contrast Check

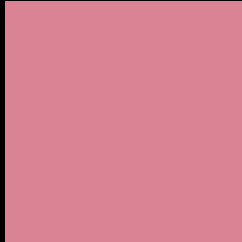
Large Text (above 18pt) WCAG AA × Fail

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 42.0769, 33.1224, 32.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

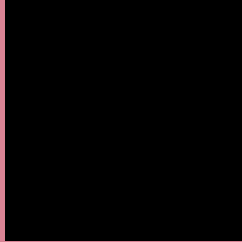
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0769, 33.1224, 32.1925

Background



This preview shows how black text looks on a background with the XYZ color 42.0769, 33.1224, 32.1925.



This preview shows how white text looks on a background with the XYZ color 42.0769, 33.1224,

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

42.0769, 33.1224, 32.1925

Protanopia

32.1476, 33.2194, 38.9001

Deuteranopia

34.0819, 33.4077, 31.4401



Tritanopia

41.4527, 33.0545, 29.7865

Trichromacy



Original Color

42.0769, 33.1224, 32.1925

Protanomaly

34.9551, 32.5758, 36.3437

Deuteranomaly

36.6474, 33.0982, 31.6512

Tritanomaly

41.6042, 33.1151, 30.5846

Monochromacy



Original Color

42.0769, 33.1224, 32.1925

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.4862, 33.5647, 35.6187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0769, 33.1224, 32.1925 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(217, 131, 148)` looks like.

```
.text, #text, p{  
    color:rgb(217, 131, 148)  
}
```

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(217, 131, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 131, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.0769, 33.1224, 32.1925 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(217, 131, 148) }
```


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

```
.border{ border-color:rgb(217, 131, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 131, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 131, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 131, 148);  
box-shadow:4px 4px 4px 4px rgb(217, 131,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0769, 33.1224, 32.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 131, 148) }
```

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

```
.background{ background-color: rgb(217,  
131, 148) }
```

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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