

Converting Colors

XYZ(37.9398, 29.9109, 22.9834)

Have a look what the booklet for
XYZ(37.9398, 29.9109, 22.9834)
contains.

XYZ(37.9971, 29.8676, 22.8311)	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(37.9971, 29.8676,
22.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	D47C7C
RGB	212, 124, 124
RGB Percent	83%, 49%, 49%
CMY	0.1686, 0.5137, 0.5137
CMYK	0.00, 0.42, 0.42, 0.17
HSL	0°, 51%, 66%
HSV	0°, 42%, 83%
XYZ	37.9971, 29.8676, 22.8311
YIQ	150.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

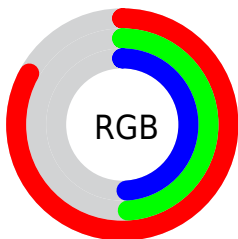
Format	Color
RYB	212, 124, 124
Decimal	13925500
CIELab	61.54, 34.11, 14.87
CIELCh	62, 37.210, 23.555
Yxy	29.8676, 0.4190, 0.3293
Android (android.graphics.Color)	4292115580 (0xFFD47C7C)
YUV	150.3120, -12.9718, 54.1004
Hunter-Lab	54.6513, 28.4651, 13.4869

Details

The XYZ color **37.9971, 29.8676, 22.8311** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7381, 56.1229, 70.8148**, and the grayscale version is **29.1605, 30.6792, 33.4096**.

A 20% lighter version of the original color is **64.9969, 56.2354, 48.5031**, and **16.9790, 12.1431, 8.1056** is the 20% darker color. If you saturate the color by 10%, you get **34.4206, 24.6345, 15.7204**, and if you desaturate by 10%, it is **42.4344, 36.3610, 31.6512**.

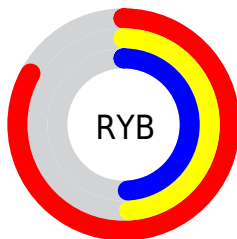
Distribution



Red (83%)

Green (49%)

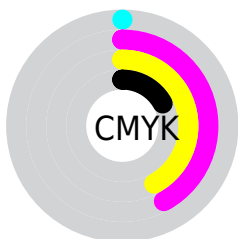
Blue (49%)



Red (83%)

Yellow (49%)

Blue (49%)

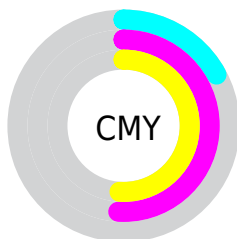


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9971, 29.8676, 22.8311 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 37.9971, 29.8676, 22.8311 by changing the saturation by 10% instead.


 37.9971, 29.8676,
22.8311


 37.9971, 29.8676,
22.8311


328.8886,
301.2868, 279.9500

 26.1576, 19.7381,
14.2647


 71.4076, 59.4527,
49.0355

 17.0749, 12.2048,
8.1642


 93.7094, 79.6772,
67.5106

 10.3835, 6.8833,
4.1109


 120.2293,
104.0354, 90.1257

 5.7182, 3.3892,
1.6864

151.3327,
132.9118, 117.2994

 2.7135, 1.3382,
0.3514

187.3850,
166.6907, 149.4501

 1.0041, 0.1705,
0.0000

228.7515,

 0.0000, 0.0000,

205.7566, 186.9964

0.0000

275.7976,
250.4938, 230.3569

■ 37.9971, 29.8676,
22.8311

■ 37.9971, 29.8676,
22.8311

■ 34.4206, 24.6345,
15.7204

■ 42.4344, 36.3610,
31.6512

■ 31.6470, 20.5759,
10.2068

■ 47.7808, 44.1843,
42.2796

■ 29.6150, 17.6023,
6.1675

■ 54.0838, 53.4074,
54.8098

■ 28.2533, 15.6098,
3.4608

■ 61.3869, 64.0939,
69.3283

■ 27.4770, 14.4737,
1.9178

■ 69.7311, 76.3037,
85.9163

■ 27.1515, 13.9973,
1.2707

■ 79.1548, 90.0931,
104.6506

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



38.8908, 29.8676, 35.6650



37.9971, 29.8676, 22.8311



34.4016, 29.8676, 15.2025

Triad

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



37.9971, 29.8676, 22.8311



21.4236, 29.8676, 18.9097



27.3372, 29.8676, 67.6549

Complementary

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



37.9971, 29.8676, 22.8311



43.7381, 56.1229, 70.8148

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.



23.1200, 29.8676, 59.6208



37.9971, 29.8676, 22.8311



19.9704, 29.8676, 29.5670

Square

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



37.9971, 29.8676, 22.8311



24.7652, 29.8676, 13.4395



20.5535, 29.8676, 44.6245



32.3485, 29.8676, 64.3041

Rectangle

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



37.9971, 29.8676, 22.8311



31.1579, 29.8676, 12.8105



20.5535, 29.8676, 44.6245



25.7878, 29.8676, 66.1358

Sweetspot

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



37.9979, 29.8691, 22.8317



81.5127, 80.1911, 81.9880



46.2427, 33.1660, 66.2516



17.1609, 16.7454, 16.9798



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.



37.9979, 29.8691, 22.8317



52.7585, 38.1156, 24.8263



44.7922, 43.4577, 25.0964



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



43.7381, 56.1229, 70.8148



62.6347, 83.2857, 107.3823



34.1986, 37.0440, 67.6350



12.7922, 14.1078, 15.9864



21.8691, 31.9999, 43.4771



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 37.9971, 29.8676, 22.8311 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9971, 29.8676, 22.8311 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 × Fail

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

XYZ 37.9971, 29.8676, 22.8311

Background



This preview shows how black text looks on a background with the XYZ color 37.9971, 29.8676, 22.8311.



This preview shows how white text looks on a background with the XYZ color 37.9971, 29.8676,

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

37.9971, 29.8676, 22.8311

Protanopia

28.7089, 30.2410, 27.6165

Deuteranopia

30.5072, 29.9096, 22.2544



Tritanopia

38.6884, 29.9780, 25.5770

Trichromacy



Original Color

37.9971, 29.8676, 22.8311

Protanomaly

31.4474, 29.6522, 25.8958

Deuteranomaly

32.8105, 29.5783, 22.3922

Tritanomaly

38.4860, 29.8970, 24.5111

Monochromacy



Original Color

37.9971, 29.8676, 22.8311

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.5662, 29.8571, 29.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9971, 29.8676, 22.8311 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(212, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(212, 124, 124)  
}
```

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(212, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.9971, 29.8676, 22.8311 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(212, 124, 124) }
```


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

```
.border{ border-color:rgb(212, 124, 124) }
```

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

Here you see how a box with a 4 pixel rgb(212, 124, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(212, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9971, 29.8676, 22.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 124, 124) }
```

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

```
.background{ background-color: rgb(212,  
124, 124) }
```

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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