

Converting Colors

XYZ(37.2347, 29.5701, 22.5359)

Have a look what the booklet for
XYZ(37.2347, 29.5701, 22.5359)
contains.

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Color

**XYZ(37.0773, 29.4007,
22.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	D17C7B
RGB	209, 124, 123
RGB Percent	82%, 49%, 48%
CMY	0.1804, 0.5137, 0.5176
CMYK	0.00, 0.41, 0.41, 0.18
HSL	1°, 48%, 65%
HSV	1°, 41%, 82%
XYZ	37.0773, 29.4007, 22.4596
YIQ	149.3010, 50.9810, 17.7090

Conversions

Conversions Part 2

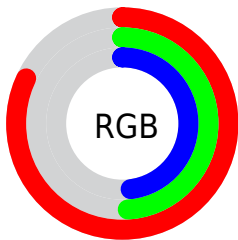
Format	Color
RYB	209, 124, 123
Decimal	13728891
CIELab	61.13, 32.86, 14.82
CIELCh	61, 36.050, 24.270
Yxy	29.4007, 0.4169, 0.3306
Android (android.graphics.Color)	4291918971 (0xFFD17C7B)
YUV	149.3010, -12.9664, 52.3560
Hunter-Lab	54.2224, 27.1691, 13.3970

Details

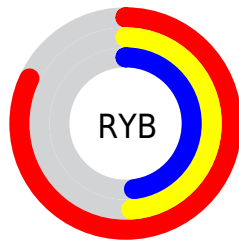
The XYZ color **37.0773, 29.4007, 22.4596** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2317, 53.9237, 68.5040**, and the grayscale version is **28.7325, 30.2288, 32.9192**.

A 20% lighter version of the original color is **64.8983, 56.1959, 47.9838**, and **16.5675, 11.9349, 7.9090** is the 20% darker color. If you saturate the color by 10%, you get **33.5829, 24.2869, 15.5145**, and if you desaturate by 10%, it is **41.3947, 35.7134, 31.0575**.

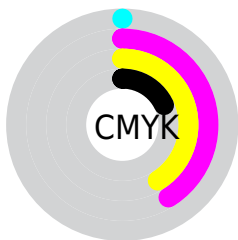
Distribution



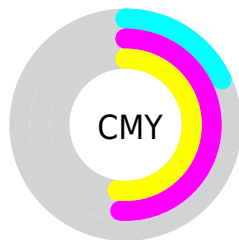
- Red (82%)
- Green (49%)
- Blue (48%)



- Red (82%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0773, 29.4007, 22.4596 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 37.0773, 29.4007, 22.4596 by changing the saturation by 10% instead.


 37.0773, 29.4007,
22.4596


 37.0773, 29.4007,
22.4596


324.9948,
299.1009, 277.9685


 25.4413, 19.3842,
13.9935


 70.0047, 58.7131,
48.4163

 16.5366, 11.9482,
7.9774


 92.0268, 78.7778,
66.7440

 9.9979, 6.7084,
3.9929


 118.2417,
102.9606, 89.1960

 5.4598, 3.2804,
1.6215

149.0147,
131.6460, 116.1907

 2.5570, 1.2798,
0.3061

184.7111,
165.2183, 148.1468

 0.9241, 0.1255,
0.0000

225.6964,

 0.0000, 0.0000,

204.0620, 185.4828

0.0000

272.3358,
248.5614, 228.6171

■ 37.0773, 29.4007,
22.4596

■ 37.0773, 29.4007,
22.4596

■ 33.5829, 24.2869,
15.5145

■ 41.3947, 35.7134,
31.0575

■ 30.8571, 20.2922,
10.1146

■ 46.5803, 43.2896,
41.4031

■ 28.8428, 17.3342,
6.1425

■ 52.6789, 52.1943,
53.5859

■ 27.4736, 15.3169,
3.4629

■ 59.7312, 62.4868,
67.6890

■ 26.6710, 14.1270,
1.9151

■ 67.7758, 74.2231,
83.7903

■ 26.3210, 13.6083,
1.2394

■ 76.8491, 87.4557,
101.9636

■ 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



38.0001, 29.4007, 34.6824



37.0773, 29.4007, 22.4596



33.5960, 29.4007, 15.1883

Triad

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



37.0773, 29.4007, 22.4596



21.1958, 29.4007, 19.0894



27.0467, 29.4007, 65.5306

Complementary

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



37.0773, 29.4007, 22.4596



42.2317, 53.9237, 68.5040

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.



22.9652, 29.4007, 58.1374



37.0773, 29.4007, 22.4596



19.8405, 29.4007, 29.4830

Square

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



37.0773, 29.4007, 22.4596



24.3721, 29.4007, 13.6615



20.4499, 29.4007, 43.9498



31.8499, 29.4007, 62.0927

Rectangle

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



37.0773, 29.4007, 22.4596



30.4820, 29.4007, 12.9236



20.4499, 29.4007, 43.9498



25.5519, 29.4007, 64.1779

Sweetspot

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



37.0781, 29.4022, 22.4602



81.6086, 80.3830, 82.0200



44.8861, 32.3249, 64.1951



17.1832, 16.7901, 16.9873



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.



37.0781, 29.4022, 22.4602



53.4576, 39.2430, 25.8938



43.5060, 42.2580, 24.6028



11.8197, 11.8300, 12.2725



16.2337, 8.4005, 0.7658



0.9117, 0.4777, 0.0441

Inverse Universe

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



42.2317, 53.9237, 68.5040



62.5595, 82.5617, 107.2465



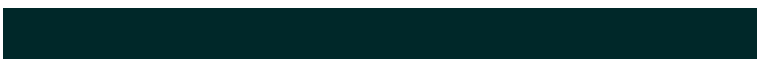
33.3134, 36.0870, 65.5312



12.1461, 13.3824, 15.1865



20.7927, 30.2321, 41.9320



1.1665, 1.6982, 2.3459

Previews

White Background



This preview shows how the XYZ color 37.0773, 29.4007, 22.4596 looks on a white background.

Color Contrast Check

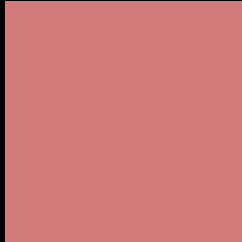
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0773, 29.4007, 22.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

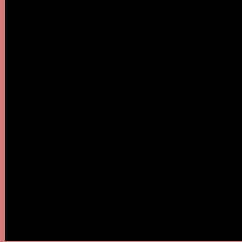
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0773, 29.4007, 22.4596

Background



This preview shows how black text looks on a background with the XYZ color 37.0773, 29.4007, 22.4596.



This preview shows how white text looks on a background with the XYZ color 37.0773, 29.4007,

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

37.0773, 29.4007, 22.4596

Protanopia

28.1333, 29.4867, 27.1304

Deuteranopia

30.0764, 29.4727, 21.8729



Tritanopia

37.8262, 29.5335, 25.5367

Trichromacy



Original Color

37.0773, 29.4007, 22.4596

Protanomaly

30.7849, 29.1026, 25.4676

Deuteranomaly

32.1227, 29.0227, 21.9981

Tritanomaly

37.6237, 29.4525, 24.4708

Monochromacy



Original Color

37.0773, 29.4007, 22.4596

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.9063, 29.3075, 28.8389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0773, 29.4007, 22.4596 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(209, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(209, 124, 123)  
}
```

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(209, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 37.0773, 29.4007, 22.4596 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(209, 124, 123) }
```


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

```
.border{ border-color:rgb(209, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(209, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0773, 29.4007, 22.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 124, 123) }
```

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

```
.background{ background-color: rgb(209,  
124, 123) }
```

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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