

Converting Colors

XYZ(38.6813, 29.4952, 21.3913)

Have a look what the booklet for
XYZ(38.6813, 29.4952, 21.3913)
contains.

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Color

**XYZ(38.7219, 29.5407,
21.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	D97878
RGB	217, 120, 120
RGB Percent	85%, 47%, 47%
CMY	0.1490, 0.5294, 0.5294
CMYK	0.00, 0.45, 0.45, 0.15
HSL	0°, 56%, 66%
HSV	0°, 45%, 85%
XYZ	38.7219, 29.5407, 21.4304
YIQ	149.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

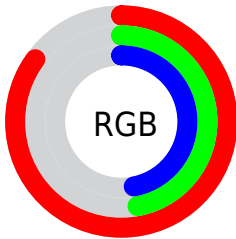
Format	Color
R _Y B	217, 120, 120
Decimal	14252152
CIE Lab	61.26, 37.66, 16.86
CIE LCh	61, 41.263, 24.120
Yxy	29.5407, 0.4317, 0.3294
Android (android.graphics.Color)	4292442232 (0xFFD97878)
YUV	149.0030, -14.2985, 59.6334
Hunter-Lab	54.3514, 32.0551, 14.6683

Details

The XYZ color **38.7219, 29.5407, 21.4304** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.0817, 58.6259, 74.5854**, and the grayscale version is **28.6103, 30.1003, 32.7792**.

A 20% lighter version of the original color is **63.8224, 54.5107, 46.1875**, and **17.5959, 12.0951, 7.5381** is the 20% darker color. If you saturate the color by 10%, you get **35.2306, 24.4322, 14.4890**, and if you desaturate by 10%, it is **43.1044, 35.9540, 30.1416**.

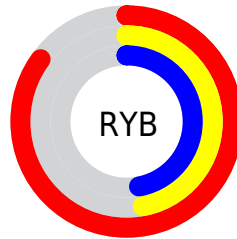
Distribution



Red (85%)

Green (47%)

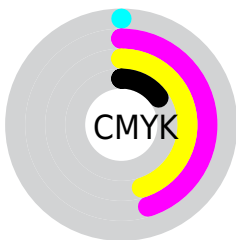
Blue (47%)



Red (85%)

Yellow (47%)

Blue (47%)

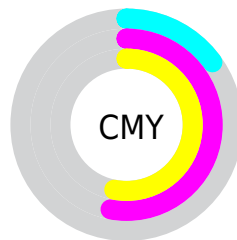


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (15%)



Cyan (15%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7219, 29.5407, 21.4304 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 38.7219, 29.5407, 21.4304 by changing the saturation by 10% instead.


 38.7219, 29.5407,
21.4304


 38.7219, 29.5407,
21.4304


331.9342,
299.7576, 272.4129


 26.7232, 19.4902,
13.2447


 72.5101, 58.9351,
46.6928

 17.5010, 12.0250,
7.4645


 95.0303, 79.0477,
64.6066

 10.6898, 6.7607,
3.6715


 121.7883,
103.2833, 86.6001

 5.9244, 3.3129,
1.4469

153.1496,
132.0261, 113.0919

 2.8394, 1.2972,
0.1779

189.4795,
165.6605, 144.5005

 1.0694, 0.1390,
0.0000

231.1433,

 0.0000, 0.0000,

204.5710, 181.2445

0.0000

278.5065,
249.1419, 223.7425

■ 38.7219, 29.5407,
21.4304

■ 38.7219, 29.5407,
21.4304

■ 35.2306, 24.4322,
14.4890

■ 43.1044, 35.9540,
30.1416

■ 32.5673, 20.5350,
9.1947

■ 48.4311, 43.7485,
40.7307

■ 30.6643, 17.7504,
5.4120


■ 54.7533, 52.9996,
53.2990


■ 29.4423, 15.9621,
2.9829


■ 62.1181, 63.7765,
67.9401

■ 28.8042, 15.0283,
1.7146

■ 70.5697, 76.1435,
84.7417

 28.6153, 14.7519,
1.3392

 80.1496, 90.1615,
103.7864

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



39.7926, 29.5407, 35.3254



38.7219, 29.5407, 21.4304



34.6500, 29.5407, 13.5152

Triad

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



38.7219, 29.5407, 21.4304



20.4412, 29.5407, 17.6335



27.0218, 29.5407, 72.0045

Complementary

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



38.7219, 29.5407, 21.4304



45.0817, 58.6259, 74.5854

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.



22.3937, 29.5407, 62.9732



38.7219, 29.5407, 21.4304



18.9220, 29.5407, 29.1986

Square

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



38.7219, 29.5407, 21.4304



24.0246, 29.5407, 11.8689



19.5880, 29.5407, 45.9920



32.5625, 29.5407, 67.8885

Rectangle

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



38.7219, 29.5407, 21.4304



31.0315, 29.5407, 11.1291



19.5880, 29.5407, 45.9920



25.3173, 29.5407, 70.3345

Sweetspot

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



38.7227, 29.5422, 21.4310



80.4866, 78.6897, 79.9484



47.8562, 33.1946, 69.5304



16.7544, 16.1506, 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.



38.7227, 29.5422, 21.4310



50.8657, 35.3457, 21.0637



46.1006, 44.2982, 23.8903



13.0561, 13.0516, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



45.0817, 58.6259, 74.5854



61.1842, 82.5381, 107.3144



34.3654, 37.1933, 71.0133



13.4449, 14.8295, 16.8059



22.6002, 33.0699, 44.9304



1.4642, 2.1425, 2.9108

Previews

White Background



This preview shows how the XYZ color 38.7219, 29.5407, 21.4304 looks on a white background.

Color Contrast Check

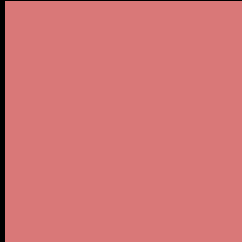
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7219, 29.5407, 21.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

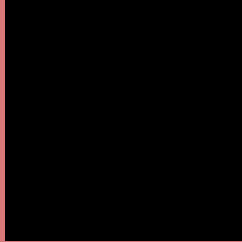
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.7219, 29.5407, 21.4304

Background



This preview shows how black text looks on a background with the XYZ color 38.7219, 29.5407, 21.4304.



This preview shows how white text looks on a background with the XYZ color 38.7219, 29.5407,

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

38.7219, 29.5407, 21.4304

Protanopia

28.2194, 29.7711, 26.8133

Deuteranopia

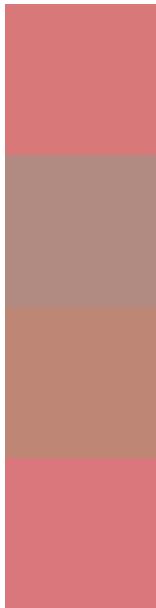
30.2809, 29.6056, 20.6415



Tritanopia

39.3410, 29.6314, 23.7246

Trichromacy



Original Color

38.7219, 29.5407, 21.4304

Protanomaly

31.1824, 29.1090, 24.7440

Deuteranomaly

32.9712, 29.2817, 20.7438

Tritanomaly

39.1484, 29.5543, 22.7100

Monochromacy



Original Color

38.7219, 29.5407, 21.4304

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.1315, 29.0106, 28.0036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7219, 29.5407, 21.4304 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, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(217, 120, 120)  
}
```

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, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 38.7219, 29.5407, 21.4304 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, 120, 120) }
```


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

```
.border{ border-color:rgb(217, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(217, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7219, 29.5407, 21.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 120, 120) }
```

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

```
.background{ background-color: rgb(217,  
120, 120) }
```

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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