

Converting Colors

XYZ(38.7487, 29.6212, 21.9158)

Have a look what the booklet for
XYZ(38.7487, 29.6212, 21.9158)
contains.

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Color

**XYZ(38.7829, 29.5651,
21.7517)**

Conversions

Conversions Part 1

Format	Color
Hex	D97879
RGB	217, 120, 121
RGB Percent	85%, 47%, 47%
CMY	0.1490, 0.5294, 0.5255
CMYK	0.00, 0.45, 0.44, 0.15
HSL	359°, 56%, 66%
HSV	359°, 45%, 85%
XYZ	38.7829, 29.5651, 21.7517
YIQ	149.1170, 57.4910, 20.8750

Conversions

Conversions Part 2

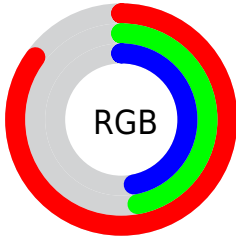
Format	Color
R_{YB}	217, 120, 121
Decimal	14252153
CIE _{Lab}	61.28, 37.76, 16.32
CIE _{LCh}	61, 41.139, 23.373
Yxy	29.5651, 0.4304, 0.3281
Android (android.graphics.Color)	4292442233 (0xFFD97879)
YUV	149.1170, -13.8617, 59.5334
Hunter-Lab	54.3738, 32.1636, 14.3433

Details

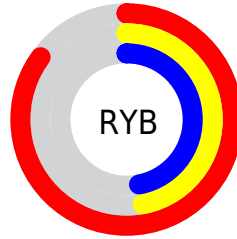
The XYZ color **38.7829, 29.5651, 21.7517** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.9547, 58.5772, 73.9063**, and the grayscale version is **28.6566, 30.1490, 32.8323**.

A 20% lighter version of the original color is **63.9189, 54.5492, 46.6953**, and **17.6288, 12.1082, 7.7113** is the 20% darker color. If you saturate the color by 10%, you get **35.2888, 24.4554, 14.7964**, and if you desaturate by 10%, it is **43.1630, 35.9777, 30.4493**.

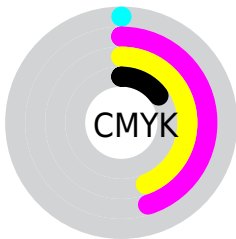
Distribution



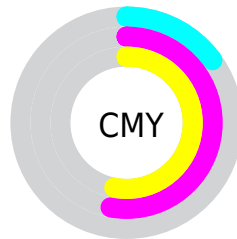
- Red (85%)
- Green (47%)
- Blue (47%)



- Red (85%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (15%)





- Cyan (15%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7829, 29.5651, 21.7517 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 38.7829, 29.5651, 21.7517 by changing the saturation by 10% instead.


 38.7829, 29.5651,
21.7517


 38.7829, 29.5651,
21.7517


332.1897,
299.8720, 274.1579


 26.7708, 19.5087,
13.4780


 72.6027, 58.9737,
47.2322

 17.5369, 12.0384,
7.6239


 95.1412, 79.0948,
65.2760

 10.7157, 6.7699,
3.7710


 121.9193,
103.3395, 87.4137

 5.9419, 3.3186,
1.5006

153.3022,
132.0923, 114.0637

 2.8501, 1.3002,
0.2183

189.6553,
165.7375, 145.6446

 1.0750, 0.1414,
0.0000

231.3440,

 0.0040, 0.0000,

204.6596, 182.5749

0.0000

278.7337,
249.2430, 225.2731

■ 0.0000, 0.0000,
0.0000

■ 38.7829, 29.5651,
21.7517

■ 38.7829, 29.5651,
21.7517

■ 35.2888, 24.4554,
14.7964

■ 43.1630, 35.9777,
30.4493

■ 32.6184, 20.5552,
9.4648

■ 48.4815, 43.7693,
40.9941

■ 30.7047, 17.7663,
5.6256


■ 54.7891, 53.0151,
53.4843


■ 29.4695, 15.9728,
3.1270


■ 62.1326, 63.7840,
68.0110

■ 28.8174, 15.0335,
1.7848

■ 70.5556, 76.1404,
84.6594

 28.6274, 14.7566,
1.4034

 80.0991, 90.1447,
103.5099

 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.



39.7639, 29.5651, 35.7570



38.7829, 29.5651, 21.7517



34.7816, 29.5651, 13.7007

Triad

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



38.7829, 29.5651, 21.7517



20.5457, 29.5651, 17.4770



26.9161, 29.5651, 71.8246

Complementary

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



38.7829, 29.5651, 21.7517



44.9547, 58.5772, 73.9063

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.



22.3353, 29.5651, 62.5420



38.7829, 29.5651, 21.7517



18.9753, 29.5651, 28.8711

Square

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



38.7829, 29.5651, 21.7517



24.1693, 29.5651, 11.8443



19.5857, 29.5651, 45.5291



32.4370, 29.5651, 68.0549

Rectangle

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



38.7829, 29.5651, 21.7517



31.1866, 29.5651, 11.2388



19.5857, 29.5651, 45.5291



25.2254, 29.5651, 70.0507

Sweetspot

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



38.7837, 29.5666, 21.7523



80.5318, 78.7070, 80.1883



47.3786, 32.9493, 69.5082



16.7653, 16.1548, 16.2299



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.



38.7837, 29.5666, 21.7523



50.9488, 35.3776, 21.5055



45.8037, 43.7037, 23.7928



13.0615, 13.0537, 13.5849



17.3319, 8.9338, 0.8620



1.1248, 0.5796, 0.0661

Inverse Universe

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



38.7837, 29.5666, 21.7523



50.9488, 35.3776, 21.5055



34.6681, 37.7975, 71.1139



13.0615, 13.0537, 13.5849



17.3319, 8.9338, 0.8620



1.1248, 0.5796, 0.0661

Previews

White Background



This preview shows how the XYZ color 38.7829, 29.5651, 21.7517 looks on a white background.

Color Contrast Check

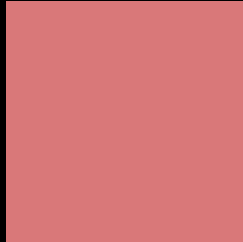
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7829, 29.5651, 21.7517 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 38.7829, 29.5651, 21.7517

Background



This preview shows how black text looks on a background with the XYZ color 38.7829, 29.5651, 21.7517.



This preview shows how white text looks on a background with the XYZ color 38.7829, 29.5651,

21.7517.

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

38.7829, 29.5651, 21.7517

Protanopia

28.2895, 29.7991, 27.1825

Deuteranopia

30.1175, 29.5146, 20.9391



Tritanopia

39.4065, 29.6576, 24.0696

Trichromacy



Original Color

38.7829, 29.5651, 21.7517

Protanomaly

31.2492, 29.1358, 25.0958

Deuteranomaly

32.7814, 29.1770, 21.0435

Tritanomaly

39.2119, 29.5797, 23.0448

Monochromacy



Original Color

38.7829, 29.5651, 21.7517

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.2042, 29.0397, 28.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7829, 29.5651, 21.7517 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(217, 120, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 38.7829, 29.5651, 21.7517 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, 121) }
```


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

```
.border{ border-color:rgb(217, 120, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(217, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7829, 29.5651, 21.7517 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, 121) }
```

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

```
.background{ background-color: rgb(217,  
120, 121) }
```

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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