

Converting Colors

XYZ(38.7002, 29.0741, 21.5921)

Have a look what the booklet for
XYZ(38.7002, 29.0741, 21.5921)
contains.

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Color

**XYZ(38.7259, 29.0085,
21.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7579
RGB	218, 117, 121
RGB Percent	85%, 46%, 47%
CMY	0.1451, 0.5412, 0.5255
CMYK	0.00, 0.46, 0.44, 0.15
HSL	358°, 58%, 66%
HSV	358°, 46%, 85%
XYZ	38.7259, 29.0085, 21.6473
YIQ	147.6550, 58.9120, 22.6560

Conversions

Conversions Part 2

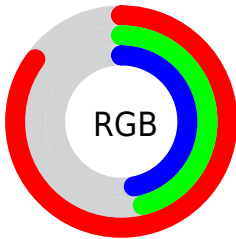
Format	Color
R _Y B	218, 117, 121
Decimal	14316921
CIE Lab	60.79, 39.69, 15.67
CIE LCh	61, 42.666, 21.542
Yxy	29.0085, 0.4333, 0.3245
Android (android.graphics.Color)	4292507001 (0xFFDA7579)
YUV	147.6550, -13.1409, 61.6926
Hunter-Lab	53.8595, 34.0903, 13.8718

Details

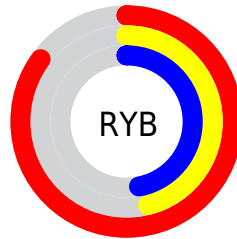
The XYZ color **38.7259, 29.0085, 21.6473** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.5466, 58.7803, 72.6197**, and the grayscale version is **28.0413, 29.5016, 32.1272**.

A 20% lighter version of the original color is **63.3457, 53.4030, 46.5043**, and **17.3910, 11.6326, 7.6320** is the 20% darker color. If you saturate the color by 10%, you get **35.3275, 24.0484, 14.8525**, and if you desaturate by 10%, it is **42.9959, 35.2658, 30.1079**.

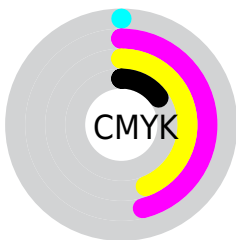
Distribution



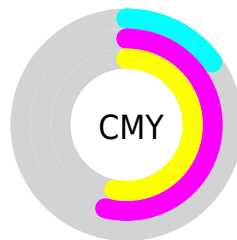
- Red (85%)
- Green (46%)
- Blue (47%)



- Red (85%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (44%)
- Black (15%)




- Cyan (15%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7259, 29.0085, 21.6473 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 38.7259, 29.0085, 21.6473 by changing the saturation by 10% instead.


 38.7259, 29.0085,
21.6473


 38.7259, 29.0085,
21.6473


331.9510,
297.2551, 273.5920


 26.7263, 19.0873,
13.4021


 72.5162, 58.0906,
47.0571

 17.5033, 11.7333,
7.5721


 95.0375, 78.0202,
65.0587

 10.6915, 6.5624,
3.7385


 121.7969,
102.0548, 87.1497

 5.9256, 3.1900,
1.4830

153.1596,
130.5786, 113.7484

 2.8401, 1.2317,
0.2052

189.4910,
163.9762, 145.2734

 1.0698, 0.0874,
0.0000

231.1565,

 0.0000, 0.0000,

202.6319, 182.1433

0.0000

278.5214,
246.9300, 224.7767

■ 38.7259, 29.0085,
21.6473

■ 38.7259, 29.0085,
21.6473

■ 35.3275, 24.0484,
14.8525

■ 42.9959, 35.2658,
30.1079

■ 32.7385, 20.2904,
9.6120

■ 48.1893, 42.8977,
40.3326

■ 30.8924, 17.6338,
5.8035


■ 54.3569, 51.9809,
52.4138


■ 29.7106, 15.9593,
3.2854


■ 61.5448, 62.5851,
66.4371

■ 29.0961, 15.1175,
1.8870

■ 69.7964, 74.7755,
82.4829

 28.9606, 14.9243,
1.6019

 79.1523, 88.6136,
100.6270

 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



39.5199, 29.0085, 36.2929



38.7259, 29.0085, 21.6473



34.7489, 29.0085, 13.2001

Triad

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



38.7259, 29.0085, 21.6473



20.0368, 29.0085, 16.1458



26.0330, 29.0085, 72.4401

Complementary

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



38.7259, 29.0085, 21.6473



44.5466, 58.7803, 72.6197

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.



21.4578, 29.0085, 62.0389



38.7259, 29.0085, 21.6473



18.3129, 29.0085, 27.3036

Square

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



38.7259, 29.0085, 21.6473



23.8390, 29.0085, 10.8454



18.7957, 29.0085, 44.1769



31.6750, 29.0085, 69.3530

Rectangle

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



38.7259, 29.0085, 21.6473



31.0871, 29.0085, 10.5720



18.7957, 29.0085, 44.1769



24.3318, 29.0085, 70.3070

Sweetspot

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



38.7266, 29.0100, 21.6478



79.6626, 77.2848, 78.9244



46.4430, 31.9247, 70.0437



16.6002, 15.8774, 16.0122



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.



38.7266, 29.0100, 21.6478



50.3172, 34.1969, 21.0408



45.1250, 42.1906, 22.5969



13.0768, 13.0598, 13.6657



17.3597, 8.9449, 1.0085



1.1322, 0.5825, 0.1049

Inverse Universe

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



38.7266, 29.0100, 21.6478



50.3172, 34.1969, 21.0408



34.8498, 38.5602, 71.9355



13.0768, 13.0598, 13.6657



17.3597, 8.9449, 1.0085



1.1322, 0.5825, 0.1049

Previews

White Background



This preview shows how the XYZ color 38.7259, 29.0085, 21.6473 looks on a white background.

Color Contrast Check

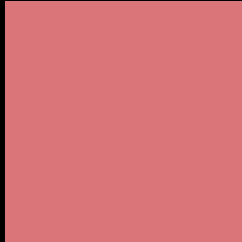
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7259, 29.0085, 21.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

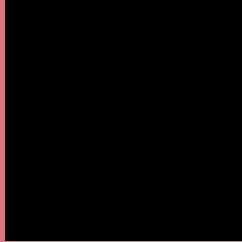
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.7259, 29.0085, 21.6473

Background



This preview shows how black text looks on a background with the XYZ color 38.7259, 29.0085, 21.6473.



This preview shows how white text looks on a background with the XYZ color 38.7259, 29.0085,

21.6473.

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

38.7259, 29.0085, 21.6473

Protanopia

27.8265, 29.3204, 27.4853

Deuteranopia

29.7490, 29.1048, 20.8795



Tritanopia

38.8605, 28.8769, 22.9277

Trichromacy



Original Color

38.7259, 29.0085, 21.6473

Protanomaly

30.8054, 28.4771, 25.3457

Deuteranomaly

32.5075, 28.6294, 20.9522

Tritanomaly

38.7969, 28.8514, 22.5928

Monochromacy



Original Color

38.7259, 29.0085, 21.6473

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.7667, 28.6105, 27.9456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7259, 29.0085, 21.6473 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(218, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 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(218, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 121) }
```

Border

The CSS property to change the border of an element to XYZ 38.7259, 29.0085, 21.6473 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(218, 117, 121) }
```


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

```
.border{ border-color:rgb(218, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7259, 29.0085, 21.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 121) }
```

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

```
.background{ background-color: rgb(218,  
117, 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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