

Converting Colors

XYZ(38.1352, 28.7594, 20.3850)

Have a look what the booklet for
XYZ(38.1352, 28.7594, 20.3850)
contains.

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Color

**XYZ(38.1874, 28.7586,
20.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	D97575
RGB	217, 117, 117
RGB Percent	85%, 46%, 46%
CMY	0.1490, 0.5412, 0.5412
CMYK	0.00, 0.46, 0.46, 0.15
HSL	0°, 57%, 65%
HSV	0°, 46%, 85%
XYZ	38.1874, 28.7586, 20.3679
YIQ	146.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

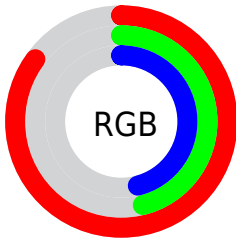
Format	Color
R_{YB}	217, 117, 117
Decimal	14251381
CIE _{Lab}	60.57, 38.91, 17.63
CIE _{LCh}	61, 42.721, 24.376
Yxy	28.7586, 0.4374, 0.3294
Android (android.graphics.Color)	4292441461 (0xFFD97575)
YUV	146.9000, -14.7407, 61.4777
Hunter-Lab	53.6270, 33.2611, 15.0202

Details

The XYZ color **38.1874, 28.7586, 20.3679** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.6720, 58.4145, 74.5661**, and the grayscale version is **27.7343, 29.1787, 31.7756**.

A 20% lighter version of the original color is **62.9643, 53.2504, 44.4959**, and **17.1229, 11.5952, 6.9658** is the 20% darker color. If you saturate the color by 10%, you get **34.8144, 23.8233, 13.6618**, and if you desaturate by 10%, it is **42.4435, 34.9869, 28.8278**.

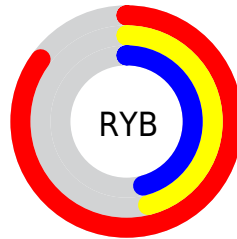
Distribution



Red (85%)

Green (46%)

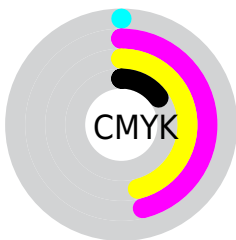
Blue (46%)



Red (85%)

Yellow (46%)

Blue (46%)

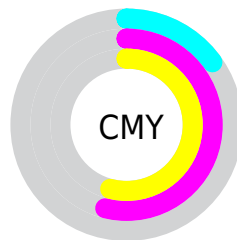


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (15%)



Cyan (15%)


Magenta (54%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1874, 28.7586, 20.3679 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 38.1874, 28.7586, 20.3679 by changing the saturation by 10% instead.


 38.1874, 28.7586,
20.3679


 38.1874, 28.7586,
20.3679


329.6902,
296.0743, 266.5697

 26.3060, 18.8983,
12.4760


 71.6973, 57.6933,
44.9002

 17.1866, 11.5968,
6.9423


 94.0566, 77.5365,
62.3777

 10.4638, 6.4698,
3.3481


 120.6392,
101.4761, 83.8875

 5.7721, 3.1328,
1.2750

151.8106,
129.8966, 109.8481

 2.7464, 1.2014,
0.0412

187.9360,
163.1822, 140.6781

 1.0211, 0.0629,
0.0000

229.3808,

 0.0000, 0.0000,

201.7174, 176.7960

0.0000

276.5104,
245.8866, 218.6203

■ 38.1874, 28.7586,
20.3679

■ 38.1874, 28.7586,
20.3679

■ 34.8144, 23.8233,
13.6618

■ 42.4435, 34.9869,
28.8278

■ 32.2605, 20.0862,
8.5850

■ 47.6364, 42.5857,
39.1510

■ 30.4567, 17.4466,
4.9994


■ 53.8181, 51.6312,
51.4399


■ 29.3217, 15.7857,
2.7433


■ 61.0361, 62.1932,
65.7891

■ 28.7541, 14.9551,
1.6152

■ 69.3349, 74.3366,
82.2869

 28.6153, 14.7519,
1.3392

 78.7564, 88.1229,
101.0167

 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.



39.3170, 28.7586, 34.3881



38.1874, 28.7586, 20.3679



33.9948, 28.7586, 12.5329

Triad

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



38.1874, 28.7586, 20.3679



19.5820, 28.7586, 16.7343



26.3070, 28.7586, 72.3554

Complementary

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



38.1874, 28.7586, 20.3679



44.6720, 58.4145, 74.5661

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.



21.6059, 28.7586, 63.0935



38.1874, 28.7586, 20.3679



18.0730, 28.7586, 28.4273

Square

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



38.1874, 28.7586, 20.3679



23.1832, 28.7586, 10.9834



18.7609, 28.7586, 45.6099



31.9532, 28.7586, 67.9668

Rectangle

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



38.1874, 28.7586, 20.3679



30.2939, 28.7586, 10.2131



18.7609, 28.7586, 45.6099



24.5738, 28.7586, 70.6612

Sweetspot

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



38.1881, 28.7601, 20.3684



79.4761, 77.2110, 77.9395



47.5009, 32.4842, 69.4119



16.5556, 15.8598, 15.7767



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.



38.1881, 28.7601, 20.3684



50.4232, 34.6983, 20.1842



45.6449, 43.6736, 22.8540



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.



44.6720, 58.4145, 74.5661



60.8450, 82.3632, 107.2986



33.6794, 36.4293, 70.9019



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 38.1874, 28.7586, 20.3679 looks on a white background.

Color Contrast Check

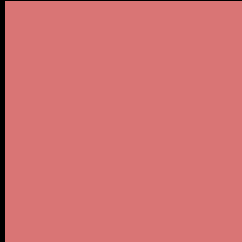
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1874, 28.7586, 20.3679 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 38.1874, 28.7586, 20.3679

Background



This preview shows how black text looks on a background with the XYZ color 38.1874, 28.7586, 20.3679.



This preview shows how white text looks on a background with the XYZ color 38.1874, 28.7586,

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

38.1874, 28.7586, 20.3679

Protanopia

27.5125, 28.9688, 25.6142

Deuteranopia

29.5188, 29.0127, 19.6670



Tritanopia

38.7969, 28.8514, 22.5928

Trichromacy



Original Color

38.1874, 28.7586, 20.3679

Protanomaly

30.3344, 28.0644, 23.5568

Deuteranomaly

32.0276, 28.4088, 19.7150

Tritanomaly

38.6100, 28.7767, 21.6086

Monochromacy



Original Color

38.1874, 28.7586, 20.3679

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.2614, 28.1565, 27.1324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1874, 28.7586, 20.3679 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, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(217, 117, 117)  
}
```

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, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 117, 117) }
```

Border

The CSS property to change the border of an element to XYZ 38.1874, 28.7586, 20.3679 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, 117, 117) }
```


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

```
.border{ border-color:rgb(217, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(217, 117,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1874, 28.7586, 20.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 117, 117) }
```

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

```
.background{ background-color: rgb(217,  
117, 117) }
```

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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