

Converting Colors

XYZ(38.6066, 29.1137, 21.9971)

Have a look what the booklet for
XYZ(38.6066, 29.1137, 21.9971)
contains.

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Color

**XYZ(38.6066, 29.1137,
21.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	D9767A
RGB	217, 118, 122
RGB Percent	85%, 46%, 48%
CMY	0.1490, 0.5372, 0.5216
CMYK	0.00, 0.46, 0.44, 0.15
HSL	358°, 57%, 66%
HSV	358°, 46%, 85%
XYZ	38.6066, 29.1137, 21.9971
YIQ	148.0570, 57.7200, 22.2320

Conversions

Conversions Part 2

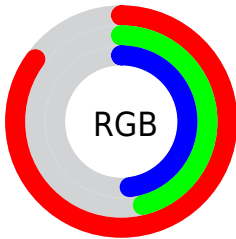
Format	Color
RYB	217, 118, 122
Decimal	14251642
CIELab	60.88, 38.90, 15.20
CIElCh	61, 41.769, 21.341
Yxy	29.1137, 0.4303, 0.3245
Android (android.graphics.Color)	4292441722 (0xFFD9767A)
YUV	148.0570, -12.8461, 60.4630
Hunter-Lab	53.9571, 33.2927, 13.5988

Details

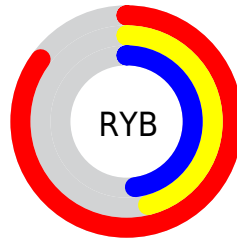
The XYZ color **38.6066, 29.1137, 21.9971** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.2958, 58.2821, 71.8691**, and the grayscale version is **28.2079, 29.6769, 32.3181**.

A 20% lighter version of the original color is **63.6325, 53.8210, 47.0791**, and **17.5078, 11.8663, 7.6710** is the 20% darker color. If you saturate the color by 10%, you get **35.1838, 24.1165, 15.1579**, and if you desaturate by 10%, it is **42.8952, 35.4000, 30.4893**.

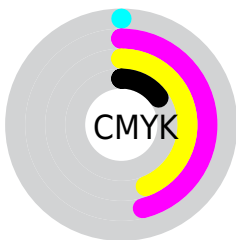
Distribution



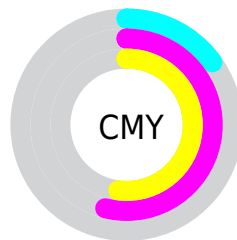
- Red (85%)
- Green (46%)
- Blue (48%)



- Red (85%)
- Yellow (46%)
- Blue (48%)



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





- Cyan (15%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6066, 29.1137, 21.9971 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 38.6066, 29.1137, 21.9971 by changing the saturation by 10% instead.


 38.6066, 29.1137,
21.9971


 38.6066, 29.1137,
21.9971


331.4511,
297.7510, 275.4841


 26.6332, 19.1668,
13.6565


 72.3349, 58.2577,
47.6433

 17.4331, 11.7909,
7.7461


 94.8204, 78.2236,
65.7860

 10.6410, 6.6015,
3.8475


 121.5407,
102.2980, 88.0331

 5.8915, 3.2141,
1.5421

152.8612,
130.8653, 114.8032

 2.8192, 1.2445,
0.2490

189.1470,
164.3098, 146.5148

 1.0589, 0.0976,
0.0000

230.7638,

 0.0000, 0.0000,

203.0161, 183.5865

0.0000

278.0766,
247.3683, 226.4368

■ 38.6066, 29.1137,
21.9971

■ 38.6066, 29.1137,
21.9971

■ 35.1838, 24.1165,
15.1579

■ 42.8952, 35.4000,
30.4893

■ 32.5658, 20.3150,
9.8626

■ 48.1005, 43.0513,
40.7308

■ 30.6873, 17.6106,
5.9916


■ 54.2722, 52.1431,
52.8125


■ 29.4720, 15.8870,
3.4070


■ 61.4557, 62.7438,
66.8182

■ 28.8267, 15.0014,
1.9433

■ 69.6938, 74.9178,
82.8270

 28.6633, 14.7709,
1.5918

 79.0264, 88.7254,
100.9132

 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



39.3584, 29.1137, 36.4286



38.6066, 29.1137, 21.9971



34.7361, 29.1137, 13.5852

Triad

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



38.6066, 29.1137, 21.9971



20.2788, 29.1137, 16.4234



26.1262, 29.1137, 71.5118

Complementary

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



38.6066, 29.1137, 21.9971



44.2958, 58.2821, 71.8691

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.



21.6365, 29.1137, 61.3304



38.6066, 29.1137, 21.9971



18.5629, 29.1137, 27.3991

Square

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



38.6066, 29.1137, 21.9971



24.0358, 29.1137, 11.1788



19.0251, 29.1137, 43.9038



31.6569, 29.1137, 68.6051

Rectangle

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



38.6066, 29.1137, 21.9971



31.1561, 29.1137, 10.9410



19.0251, 29.1137, 43.9038



24.4573, 29.1137, 69.4111

Sweetspot

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



38.6073, 29.1152, 21.9976



79.6665, 77.2864, 78.9445



46.1694, 31.9726, 69.3836



16.6011, 15.8778, 16.0170



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.



38.6073, 29.1152, 21.9976



50.7574, 34.8306, 21.9477



44.9037, 42.0959, 22.9001



13.0772, 13.0600, 13.6679



17.3605, 8.9452, 1.0125



1.1324, 0.5826, 0.1060

Inverse Universe

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



38.6073, 29.1152, 21.9976



50.7574, 34.8306, 21.9477



34.8353, 38.5394, 71.2485



13.0772, 13.0600, 13.6679



17.3605, 8.9452, 1.0125



1.1324, 0.5826, 0.1060

Previews

White Background



This preview shows how the XYZ color 38.6066, 29.1137, 21.9971 looks on a white background.

Color Contrast Check

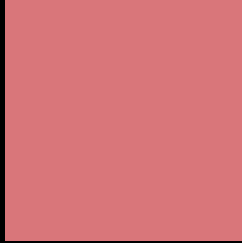
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6066, 29.1137, 21.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

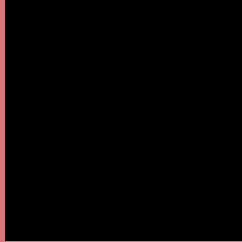
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.6066, 29.1137, 21.9971

Background



This preview shows how black text looks on a background with the XYZ color 38.6066, 29.1137, 21.9971.



This preview shows how white text looks on a background with the XYZ color 38.6066, 29.1137,

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

38.6066, 29.1137, 21.9971

Protanopia

28.0859, 29.4459, 27.8702

Deuteranopia

29.9563, 29.4247, 21.2402



Tritanopia

38.7425, 28.9807, 23.2905

Trichromacy



Original Color

38.6066, 29.1137, 21.9971

Protanomaly

30.8735, 28.5044, 25.7045

Deuteranomaly

32.4563, 28.7983, 21.3008

Tritanomaly

38.6782, 28.9550, 22.9523

Monochromacy



Original Color

38.6066, 29.1137, 21.9971

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.8394, 28.6396, 28.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6066, 29.1137, 21.9971 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, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(217, 118, 122)  
}
```

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, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 118, 122) }
```

Border

The CSS property to change the border of an element to XYZ 38.6066, 29.1137, 21.9971 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, 118, 122) }
```


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

```
.border{ border-color:rgb(217, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(217, 118,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6066, 29.1137, 21.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 118, 122) }
```

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

```
.background{ background-color: rgb(217,  
118, 122) }
```

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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