

Converting Colors

XYZ(37.1095, 28.0917, 31.1612)

Have a look what the booklet for
XYZ(37.1095, 28.0917, 31.1612)
contains.

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Color

**XYZ(37.1985, 28.1853,
31.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7693
RGB	206, 118, 147
RGB Percent	81%, 46%, 58%
CMY	0.1922, 0.5372, 0.4235
CMYK	0.00, 0.43, 0.29, 0.19
HSL	340°, 47%, 64%
HSV	340°, 43%, 81%
XYZ	37.1985, 28.1853, 31.0835
YIQ	147.6180, 43.1390, 27.6750

Conversions

Conversions Part 2

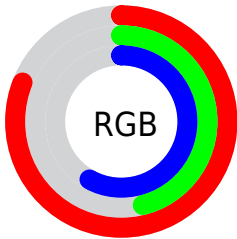
Format	Color
R_{YB}	206, 118, 147
Decimal	13530771
CIE Lab	60.06, 37.91, -0.56
CIE LCh	60, 37.912, 359.154
Yxy	28.1853, 0.3856, 0.2922
Android (android.graphics.Color)	4291720851 (0xFFCE7693)
YUV	147.6180, -0.3047, 51.2010
Hunter-Lab	53.0898, 32.1626, 2.4493

Details

The XYZ color **37.1985, 28.1853, 31.0835** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.4797, 51.1692, 49.4989**, and the grayscale version is **27.9788, 29.4358, 32.0556**.

A 20% lighter version of the original color is **66.5351, 54.9821, 62.3642**, and **16.5592, 11.2669, 12.6112** is the 20% darker color. If you saturate the color by 10%, you get **34.0126, 23.4451, 24.9914**, and if you desaturate by 10%, it is **41.0458, 34.0397, 38.0388**.

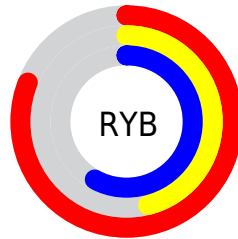
Distribution



Red (81%)

Green (46%)

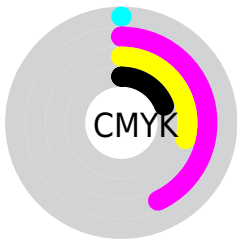
Blue (58%)



Red (81%)

Yellow (46%)

Blue (58%)

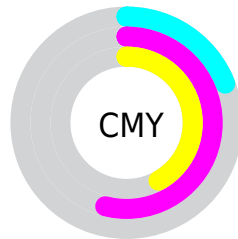


Cyan (0%)

Magenta (43%)

Yellow (29%)

Black (19%)



Cyan (19%)


Magenta (54%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1985, 28.1853, 31.0835 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 37.1985, 28.1853, 31.0835 by changing the saturation by 10% instead.


 37.1985, 28.1853,
31.0835


 37.1985, 28.1853,
31.0835


325.5097,
293.3513, 321.2859


 25.5356, 18.4654,
20.4034

 70.1898, 56.7801,
62.4526

 16.6074, 11.2846,
12.5017

 92.2490, 76.4239,
83.9788

 10.0485, 6.2586,
6.9596


 118.5042,
100.1443, 109.9574

 5.4937, 3.0030,
3.3588

149.3209,
128.3259, 140.8069

 2.5774, 1.1333,
1.2806

185.0645,
161.3530, 176.9461

 0.9345, 0.0062,
0.0458

226.1003,

 0.0000, 0.0000,

199.6100, 218.7932

0.0000

272.7936,
243.4813, 266.7670

■ 37.1985, 28.1853,
31.0835

■ 37.1985, 28.1853,
31.0835

■ 34.0126, 23.4451,
24.9914

■ 41.0458, 34.0397,
38.0388

■ 31.4464, 19.7434,
19.7250

■ 45.5883, 41.0694,
45.8890

■ 29.4567, 17.0017,
15.2463


■ 50.8600, 49.3357,
54.6665


■ 27.9936, 15.1282,
11.5132


■ 56.8923, 58.8947,
64.4012

■ 26.9976, 14.0128,
8.4783

■ 63.7143, 69.7989,
75.1218

 26.4934, 13.5377,
6.6662

 71.3538, 82.0978,
86.8555

 77.4951, 91.1544,
98.8480

 79.2637, 91.8618,
108.1612

Harmonies

Analogous

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



35.5873, 28.1853, 46.4598



37.1985, 28.1853, 31.0835



35.7533, 28.1853, 19.4623

Triad

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



37.1985, 28.1853, 31.0835



22.5118, 28.1853, 12.8186



22.3009, 28.1853, 59.6838

Complementary

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



37.1985, 28.1853, 31.0835



37.4797, 51.1692, 49.4989

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.



19.4647, 28.1853, 45.5685



37.1985, 28.1853, 31.0835



19.5758, 28.1853, 18.9644

Square

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



37.1985, 28.1853, 31.0835



26.9267, 28.1853, 11.0265



18.5293, 28.1853, 30.2979



26.6524, 28.1853, 65.7394

Rectangle

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



37.1985, 28.1853, 31.0835



33.3393, 28.1853, 14.6360



18.5293, 28.1853, 30.2979



21.1588, 28.1853, 55.5497

Sweetspot

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



37.1993, 28.1867, 31.0840



81.9971, 79.2931, 87.9045



35.6758, 26.7227, 61.6703



17.1223, 16.2976, 18.1098



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.



37.1993, 28.1867, 31.0840



55.6168, 38.7344, 41.4947



37.0666, 31.1152, 21.1936



11.3622, 11.2736, 12.4421



16.3539, 8.3522, 4.3166



0.8787, 0.4449, 0.4071

Inverse Universe

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



37.1993, 28.1867, 31.0840



55.6168, 38.7344, 41.4947



37.3164, 45.7158, 65.2499



11.3622, 11.2736, 12.4421



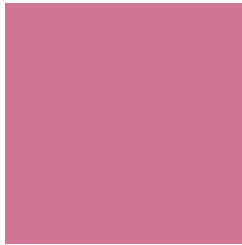
16.3539, 8.3522, 4.3166



0.8787, 0.4449, 0.4071

Previews

White Background



This preview shows how the XYZ color 37.1985, 28.1853, 31.0835 looks on a white background.

Color Contrast Check

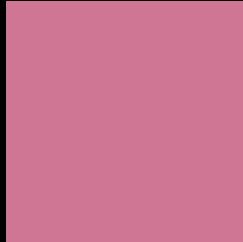
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1985, 28.1853, 31.0835 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 37.1985, 28.1853, 31.0835

Background



This preview shows how black text looks on a background with the XYZ color 37.1985, 28.1853, 31.0835.



This preview shows how white text looks on a background with the XYZ color 37.1985, 28.1853,

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

37.1985, 28.1853, 31.0835

Protanopia

27.9118, 28.4305, 38.6669

Deuteranopia

28.8332, 28.2129, 29.9126



Tritanopia

35.7685, 28.1238, 24.6623

Trichromacy



Original Color

37.1985, 28.1853, 31.0835

Protanomaly

30.4757, 27.8693, 35.6714

Deuteranomaly

31.4168, 27.8633, 30.1079

Tritanomaly

36.3372, 28.1897, 26.8185

Monochromacy



Original Color

37.1985, 28.1853, 31.0835

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.6531, 28.4645, 31.8956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1985, 28.1853, 31.0835 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(206, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(206, 118, 147)  
}
```

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(206, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 118, 147) }
```

Border

The CSS property to change the border of an element to XYZ 37.1985, 28.1853, 31.0835 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(206, 118, 147) }
```


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

```
.border{ border-color:rgb(206, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(206, 118,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1985, 28.1853, 31.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 118, 147) }
```

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

```
.background{ background-color: rgb(206,  
118, 147) }
```

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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