

Converting Colors

XYZ(40.6246, 31.8484, 36.7228)

Have a look what the booklet for
XYZ(40.6246, 31.8484, 36.7228)
contains.

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Color

**XYZ(40.6866, 31.9054,
36.8148)**

Conversions

Conversions Part 1

Format	Color
Hex	D2819F
RGB	210, 129, 159
RGB Percent	82%, 51%, 62%
CMY	0.1765, 0.4941, 0.3765
CMYK	0.00, 0.39, 0.24, 0.18
HSL	338°, 47%, 66%
HSV	338°, 39%, 82%
XYZ	40.6866, 31.9054, 36.8148
YIQ	156.6390, 38.6460, 26.5020

Conversions

Conversions Part 2

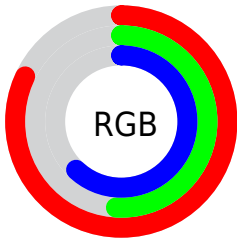
Format	Color
R _Y B	210, 129, 159
Decimal	13795743
CIE Lab	63.26, 35.17, -2.67
CIE LCh	63, 35.269, 355.660
Yxy	31.9054, 0.3719, 0.2916
Android (android.graphics.Color)	4291985823 (0xFFD2819F)
YUV	156.6390, 1.1640, 46.7976
Hunter-Lab	56.4849, 29.7268, 0.8963

Details

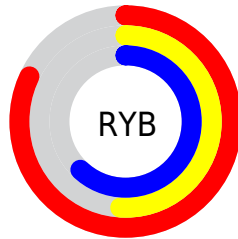
The XYZ color **40.6866, 31.9054, 36.8148** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.3395, 54.0564, 51.4906**, and the grayscale version is **31.8694, 33.5291, 36.5132**.

A 20% lighter version of the original color is **70.3111, 59.9820, 71.4902**, and **18.7576, 13.4015, 15.7855** is the 20% darker color. If you saturate the color by 10%, you get **37.1126, 26.4964, 30.2619**, and if you desaturate by 10%, it is **44.9536, 38.5034, 44.2051**.

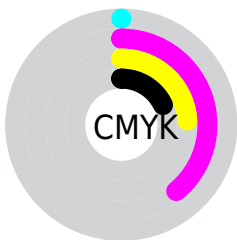
Distribution



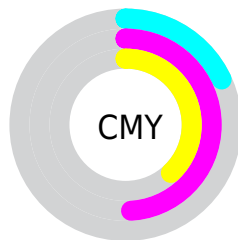
- Red (82%)
- Green (51%)
- Blue (62%)



- Red (82%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6866, 31.9054, 36.8148 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 40.6866, 31.9054, 36.8148 by changing the saturation by 10% instead.

 40.6866, 31.9054,
36.8148


 40.6866, 31.9054,
36.8148


340.0941,
310.6881, 347.6525


 28.2609, 21.2893,
24.7695


 75.4856, 62.6628,
71.4710

 18.6639, 13.3356,
15.6879


 98.5896, 83.5728,
94.9189

 11.5302, 7.6600,
9.1516


 125.9838,
108.6828, 123.0048

 6.4946, 3.8782,
4.7421

158.0334,
138.3774, 156.1472

 3.1916, 1.6057,
2.0407

195.1039,
173.0408, 194.7647

 1.2559, 0.3614,
0.5801

237.5606,

 0.1498, 0.0000,

213.0574, 239.2757

0.0000

285.7689,
258.8117, 290.0988

■ 0.0000, 0.0000,
0.0000

■ 40.6866, 31.9054,
36.8148

■ 40.6866, 31.9054,
36.8148

■ 37.1126, 26.4964,
30.2619

■ 44.9536, 38.5034,
44.2051

■ 34.1900, 22.2002,
24.5124

■ 49.9466, 46.3514,
52.4608

■ 31.8767, 18.9387,
19.5329


■ 55.6998, 55.5117,
61.6111


■ 30.1242, 16.6217,
15.2860


■ 62.2443, 66.0412,
71.6830


■ 28.8759, 15.1435,
11.7305


■ 69.6093, 77.9932,
82.7024

 28.0466, 14.3411,
8.8142

 77.8209, 91.4147,
94.6933

 27.9453, 14.2484,
8.4420

 79.8397, 92.2222,
105.3244

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



38.7594, 31.9054, 52.2276



40.6866, 31.9054, 36.8148



39.6024, 31.9054, 24.3457

Triad

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



40.6866, 31.9054, 36.8148



26.4374, 31.9054, 15.6982



25.3300, 31.9054, 62.0167

Complementary

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



40.6866, 31.9054, 36.8148



40.3395, 54.0564, 51.4906

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.



22.6232, 31.9054, 47.7367



40.6866, 31.9054, 36.8148



23.2128, 31.9054, 21.6690

Square

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



40.6866, 31.9054, 36.8148



31.0413, 31.9054, 14.2299



21.8915, 31.9054, 32.7438



29.6200, 31.9054, 69.0522

Rectangle

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



40.6866, 31.9054, 36.8148



37.3738, 31.9054, 18.8353



21.8915, 31.9054, 32.7438



24.2235, 31.9054, 57.7451

Sweetspot

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



40.6875, 31.9069, 36.8154



83.1047, 80.8272, 90.3742



38.0633, 29.9332, 64.7445



17.5329, 16.8940, 18.9393



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.



40.6875, 31.9069, 36.8154



58.6404, 42.6929, 48.9414



39.6952, 33.5946, 25.1631



11.9872, 11.8796, 13.2083



17.0909, 8.7092, 5.3849



0.9935, 0.5021, 0.5006

Inverse Universe

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



40.6875, 31.9069, 36.8154



58.6404, 42.6929, 48.9414



41.4691, 50.8849, 68.6091



11.9872, 11.8796, 13.2083



17.0909, 8.7092, 5.3849



0.9935, 0.5021, 0.5006

Previews

White Background



This preview shows how the XYZ color 40.6866, 31.9054, 36.8148 looks on a white background.

Color Contrast Check

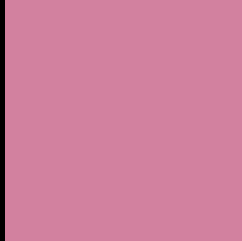
Large Text (above 18pt) WCAG AA × Fail

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 40.6866, 31.9054, 36.8148 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 ✓ Pass

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

XYZ 40.6866, 31.9054, 36.8148

Background



This preview shows how black text looks on a background with the XYZ color 40.6866, 31.9054, 36.8148.



This preview shows how white text looks on a background with the XYZ color 40.6866, 31.9054,

36.8148.

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

40.6866, 31.9054, 36.8148

Protanopia

31.3487, 31.9576, 44.0513

Deuteranopia

32.6845, 32.1107, 35.9278



Tritanopia

39.1462, 31.8654, 29.6786

Trichromacy



Original Color

40.6866, 31.9054, 36.8148

Protanomaly

34.0544, 31.5443, 41.3396

Deuteranomaly

35.2872, 31.8476, 36.1857

Tritanomaly

39.7561, 31.9260, 32.0839

Monochromacy



Original Color

40.6866, 31.9054, 36.8148

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.5098, 32.5662, 36.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6866, 31.9054, 36.8148 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(210, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(210, 129, 159)  
}
```

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(210, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 129, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.6866, 31.9054, 36.8148 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(210, 129, 159) }
```


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

```
.border{ border-color:rgb(210, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 129,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6866, 31.9054, 36.8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 129, 159) }
```

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

```
.background{ background-color: rgb(210,  
129, 159) }
```

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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