

Converting Colors

XYZ(41.0120, 30.5754, 51.1806)

Have a look what the booklet for
XYZ(41.0120, 30.5754, 51.1806)
contains.

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Color

**XYZ(41.0619, 30.6341,
51.3257)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC7BBC |
| RGB | 204, 123, 188 |
| RGB Percent | 80%, 48%, 74% |
| CMY | 0.2000, 0.5176, 0.2627 |
| CMYK | 0.00, 0.40, 0.08, 0.20 |
| HSL | 312°, 44%, 64% |
| HSV | 312°, 40%, 80% |
| XYZ | 41.0619, 30.6341, 51.3257 |
| YIQ | 154.6290, 27.4110, 37.3870 |

Conversions

Conversions Part 2

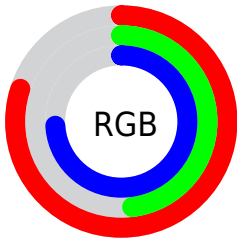
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 123, 188 |
| Decimal | 13401020 |
| CIELab | 62.20, 40.92, -20.83 |
| CIELCh | 62, 45.919, 333.025 |
| Yxy | 30.6341, 0.3338, 0.2490 |
| Android (android.graphics.Color) | 4291591100 (0xFFCC7BBC) |
| YUV | 154.6290, 16.4519, 43.2984 |
| Hunter-Lab | 55.3481, 35.5673, -16.2375 |

Details

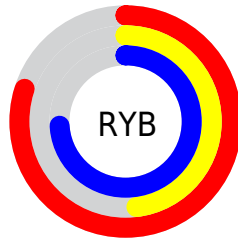
The XYZ color **41.0619, 30.6341, 51.3257** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4228, 49.2618, 32.1223**, and the grayscale version is **30.9140, 32.5239, 35.4185**.

A 20% lighter version of the original color is **73.2913, 59.2359, 93.1588**, and **18.9033, 12.6799, 24.3728** is the 20% darker color. If you saturate the color by 10%, you get **38.3618, 25.9190, 48.3123**, and if you desaturate by 10%, it is **44.3033, 36.4114, 54.5800**.

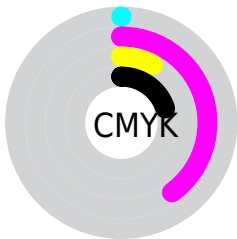
Distribution



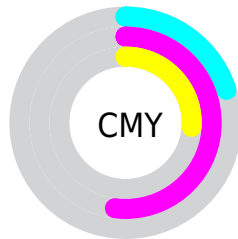
- Red (80%)
- Green (48%)
- Blue (74%)



- Red (80%)
- Yellow (48%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0619, 30.6341, 51.3257 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 41.0619, 30.6341, 51.3257 by changing the saturation by 10% instead.


 41.0619, 30.6341,
51.3257


 41.0619, 30.6341,
51.3257

341.6374,
304.8491, 408.7105


 28.5553, 20.3204,
36.0894


 76.0520, 60.6635,
93.5525

 18.8873, 12.6281,
24.2130


 99.2662, 81.1480,
121.3799

 11.6924, 7.1730,
15.2780


 126.7803,
105.7916, 154.2416

 6.6053, 3.5705,
8.8660

158.9598,
134.9786, 192.5559

 3.2606, 1.4363,
4.5582

196.1698,
169.0935, 236.7414

 1.2930, 0.2433,
1.9363

238.7759,

 0.1780, 0.0000,

208.5206, 287.2166

0.5157

287.1433,
253.6443, 344.4001

■ 0.0000, 0.0000,
0.0000

■ 41.0619, 30.6341,
51.3257

■ 41.0619, 30.6341,
51.3257

■ 38.3618, 25.9190,
48.3123

■ 44.3033, 36.4114,
54.5800

■ 36.1671, 22.1959,
45.5264

■ 48.1134, 43.3070,
58.0839

■ 34.4418, 19.3926,
42.9559


■ 52.5212, 51.3781,
61.8479


■ 33.1441, 17.4255,
40.5864


■ 57.5527, 60.6769,
65.8810


■ 32.2244, 16.1956,
38.4007


■ 63.2325, 71.2523,
70.1919


 31.5934, 15.5245,
36.3687

 69.5838, 83.1505,
74.7889

 31.5761, 15.5071,
36.3098

 73.0840, 89.3263,
78.4981

 73.6122, 89.5376,
81.2797

 74.1534, 89.7540,
84.1292

Harmonies

Analogous

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



36.0958, 30.6341, 70.8661



41.0619, 30.6341, 51.3257



42.6902, 30.6341, 31.5889

Triad

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



41.0619, 30.6341, 51.3257



28.4933, 30.6341, 9.5848



20.2357, 30.6341, 55.5906

Complementary

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



41.0619, 30.6341, 51.3257



34.4228, 49.2618, 32.1223

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.



18.7767, 30.6341, 35.1864



41.0619, 30.6341, 51.3257



23.1008, 30.6341, 12.1638

Square

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



41.0619, 30.6341, 51.3257



34.8551, 30.6341, 11.2687



19.7469, 30.6341, 20.1615



24.0456, 30.6341, 73.8802

Rectangle

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



41.0619, 30.6341, 51.3257



41.4994, 30.6341, 21.7221



19.7469, 30.6341, 20.1615



19.4806, 30.6341, 48.5401

Sweetspot

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



41.0629, 30.6355, 51.3263



85.0952, 81.6233, 100.8557



28.4399, 23.9176, 60.2450



18.0017, 17.0816, 21.4084



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.



41.0629, 30.6355, 51.3263



63.9713, 43.6851, 80.5289



37.3829, 29.1635, 31.9478



11.5889, 11.3643, 13.6355



19.9076, 9.7736, 23.0301



1.0519, 0.5142, 1.3191

Inverse Universe

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



41.0629, 30.6355, 51.3263



63.9713, 43.6851, 80.5289



37.8335, 50.6261, 50.0829



11.5889, 11.3643, 13.6355



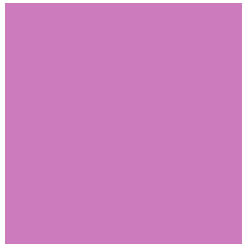
19.9076, 9.7736, 23.0301



1.0519, 0.5142, 1.3191

Previews

White Background



This preview shows how the XYZ color 41.0619, 30.6341, 51.3257 looks on a white background.

Color Contrast Check

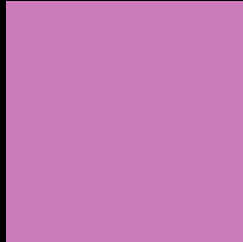
Large Text (above 18pt) WCAG AA × Fail

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 41.0619, 30.6341, 51.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

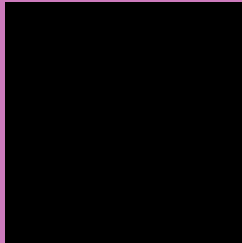
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0619, 30.6341, 51.3257

Background



This preview shows how black text looks on a background with the XYZ color 41.0619, 30.6341, 51.3257.



This preview shows how white text looks on a background with the XYZ color 41.0619, 30.6341,

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

41.0619, 30.6341, 51.3257

Protanopia

31.8414, 31.0682, 63.3500

Deuteranopia

31.4799, 30.7177, 49.6173



Tritanopia

36.6869, 30.5976, 29.5635

Trichromacy



Original Color

41.0619, 30.6341, 51.3257



Protanomaly

34.1015, 30.2972, 58.6942



Deuteranomaly

34.2076, 30.1148, 49.9087



Tritanomaly

38.1957, 30.6212, 36.6982

Monochromacy



Original Color

41.0619, 30.6341, 51.3257



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.0311, 31.3192, 40.8108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0619, 30.6341, 51.3257 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(204, 123, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 123, 188)  
}
```

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(204, 123, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 123, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.0619, 30.6341, 51.3257 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(204, 123, 188) }
```


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

```
.border{ border-color:rgb(204, 123, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 123, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 123, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 123, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 123,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0619, 30.6341, 51.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 123, 188) }
```

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

```
.background{ background-color: rgb(204,  
123, 188) }
```

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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