

Converting Colors

XYZ(40.7145, 30.9234, 37.7724)

Have a look what the booklet for
XYZ(40.7145, 30.9234, 37.7724)
contains.

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Color

**XYZ(40.7921, 30.9856,
37.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	D47CA1
RGB	212, 124, 161
RGB Percent	83%, 49%, 63%
CMY	0.1686, 0.5137, 0.3686
CMYK	0.00, 0.42, 0.24, 0.17
HSL	335°, 51%, 66%
HSV	335°, 42%, 83%
XYZ	40.7921, 30.9856, 37.5490
YIQ	154.5300, 40.5710, 30.1630

Conversions

Conversions Part 2

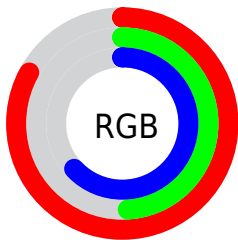
Format	Color
R _Y B	212, 124, 161
Decimal	13925537
CIE Lab	62.50, 38.81, -4.92
CIE LCh	62, 39.119, 352.782
Yxy	30.9856, 0.3731, 0.2834
Android (android.graphics.Color)	4292115617 (0xFFD47CA1)
YUV	154.5300, 3.1897, 50.4012
Hunter-Lab	55.6647, 33.3948, -1.0292

Details

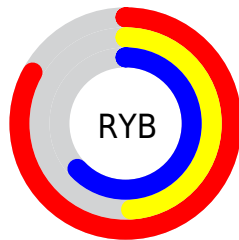
The XYZ color **40.7921, 30.9856, 37.5490** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.5950, 54.4681, 48.9868**, and the grayscale version is **30.9229, 32.5333, 35.4288**.

A 20% lighter version of the original color is **69.5551, 58.0587, 72.5062**, and **18.7146, 12.8594, 16.2476** is the 20% darker color. If you saturate the color by 10%, you get **37.3844, 25.8198, 31.3274**, and if you desaturate by 10%, it is **44.8791, 37.3391, 44.5231**.

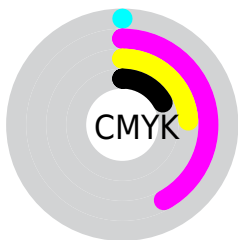
Distribution



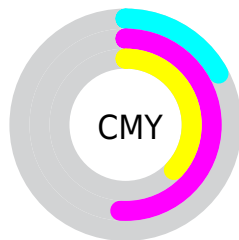
- Red (83%)
- Green (49%)
- Blue (63%)



- Red (83%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7921, 30.9856, 37.5490 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 40.7921, 30.9856, 37.5490 by changing the saturation by 10% instead.


 40.7921, 30.9856,
37.5490


 40.7921, 30.9856,
37.5490


340.5284,
306.4720, 350.9213


 28.3436, 20.5879,
25.3337


 75.6449, 61.2174,
72.6121

 18.7266, 12.8231,
16.1046


 98.7799, 81.8203,
96.2970

 11.5757, 7.3068,
9.4430


 126.2079,
106.5937, 124.6422

 6.5256, 3.6547,
4.9305

158.2940,
135.9219, 158.0662

 3.2109, 1.4824,
2.1485

195.4038,
170.1895, 196.9876

 1.2663, 0.2763,
0.6444

237.9026,

 0.1577, 0.0000,

209.7808, 241.8248

0.0000

286.1557,
255.0801, 292.9966

■ 0.0000, 0.0000,
0.0000

■ 40.7921, 30.9856,
37.5490

■ 40.7921, 30.9856,
37.5490

■ 37.3844, 25.8198,
31.3274

■ 44.8791, 37.3391,
44.5231

■ 34.6135, 21.7621,
25.8280

■ 49.6794, 44.9444,
52.2745

■ 32.4356, 18.7303,
21.0208


■ 55.2278, 53.8662,
60.8290


■ 30.8002, 16.6283,
16.8724


■ 61.5558, 64.1634,
70.2106


■ 29.6472, 15.3416,
13.3452

■ 68.6934, 75.8914,
80.4421

 28.9602, 14.7206,
10.7948

 76.6685, 89.1024,
91.5454

 79.7016, 92.2332,
101.6060

 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



38.3577, 30.9856, 54.7074



40.7921, 30.9856, 37.5490



39.9089, 30.9856, 23.6301

Triad

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



40.7921, 30.9856, 37.5490



25.6697, 30.9856, 13.3144



23.6942, 30.9856, 62.8097

Complementary

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



40.7921, 30.9856, 37.5490



39.5950, 54.4681, 48.9868

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.



21.0009, 30.9856, 46.3820



40.7921, 30.9856, 37.5490



22.0420, 30.9856, 18.9561

Square

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



40.7921, 30.9856, 37.5490



30.7531, 30.9856, 12.2414



20.4345, 30.9856, 30.1941



28.1859, 30.9856, 71.8804

Rectangle

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



40.7921, 30.9856, 37.5490



37.6025, 30.9856, 17.5130



20.4345, 30.9856, 30.1941



22.5717, 30.9856, 57.7654

Sweetspot

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



40.7930, 30.9871, 37.5496



83.3281, 80.9165, 91.5504



36.5186, 28.1539, 65.7972



17.5853, 16.9150, 19.2154



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.



40.7930, 30.9871, 37.5496



57.2453, 39.9087, 48.4579



38.7556, 31.3837, 23.0857



12.6377, 12.5066, 14.0323



17.9261, 9.1067, 6.9147



1.1220, 0.5656, 0.6320

Inverse Universe

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



40.7930, 30.9871, 37.5496



57.2453, 39.9087, 48.4579



42.3004, 53.2463, 70.3358



12.6377, 12.5066, 14.0323



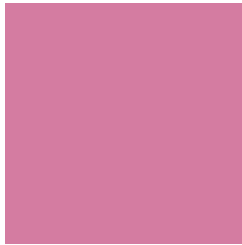
17.9261, 9.1067, 6.9147



1.1220, 0.5656, 0.6320

Previews

White Background



This preview shows how the XYZ color 40.7921, 30.9856, 37.5490 looks on a white background.

Color Contrast Check

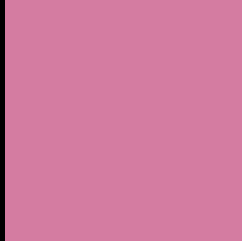
Large Text (above 18pt) WCAG AA × Fail

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 40.7921, 30.9856, 37.5490 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 40.7921, 30.9856, 37.5490

Background



This preview shows how black text looks on a background with the XYZ color 40.7921, 30.9856, 37.5490.



This preview shows how white text looks on a background with the XYZ color 40.7921, 30.9856,

37.5490.

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

40.7921, 30.9856, 37.5490

Protanopia

30.7963, 31.1380, 46.5066

Deuteranopia

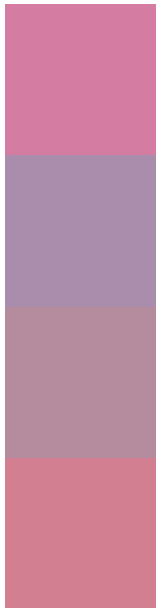
31.8294, 31.1943, 36.2418



Tritanopia

38.8850, 30.9750, 27.9741

Trichromacy



Original Color

40.7921, 30.9856, 37.5490

Protanomaly

33.5488, 30.5744, 43.1630

Deuteranomaly

34.4602, 30.7576, 36.4683

Tritanomaly

39.6416, 31.1030, 31.1083

Monochromacy



Original Color

40.7921, 30.9856, 37.5490

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.9636, 31.6109, 36.2097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7921, 30.9856, 37.5490 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(212, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 124, 161)  
}
```

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(212, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 124, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.7921, 30.9856, 37.5490 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(212, 124, 161) }
```


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

```
.border{ border-color:rgb(212, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 124,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7921, 30.9856, 37.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 124, 161) }
```

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

```
.background{ background-color: rgb(212,  
124, 161) }
```

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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