

Converting Colors

XYZ(47.7345, 36.7769, 61.7095)

Have a look what the booklet for
XYZ(47.7345, 36.7769, 61.7095)
contains.

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Color

**XYZ(47.7191, 36.8327,
61.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	D68ACC
RGB	214, 138, 204
RGB Percent	84%, 54%, 80%
CMY	0.1608, 0.4588, 0.2000
CMYK	0.00, 0.36, 0.05, 0.16
HSL	308°, 48%, 69%
HSV	308°, 36%, 84%
XYZ	47.7191, 36.8327, 61.7211
YIQ	168.2480, 24.1100, 36.6380

Conversions

Conversions Part 2

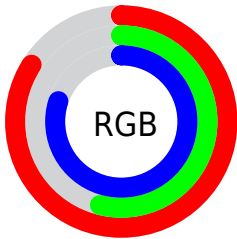
Format	Color
R_{YB}	214, 138, 204
Decimal	14060236
CIE _{Lab}	67.15, 38.98, -22.16
CIE _{LCh}	67, 44.840, 330.387
Yxy	36.8327, 0.3262, 0.2518
Android (android.graphics.Color)	4292250316 (0xFFD68ACC)
YUV	168.2480, 17.6257, 40.1245
Hunter-Lab	60.6899, 34.1430, -17.8144

Details

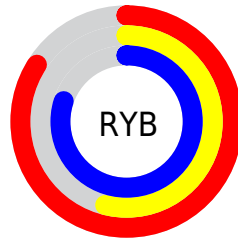
The XYZ color **47.7191, 36.8327, 61.7211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8746, 55.6357, 36.6563**, and the grayscale version is **37.2500, 39.1899, 42.6779**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **22.9334, 16.1267, 30.7582** is the 20% darker color. If you saturate the color by 10%, you get **44.6116, 31.1527, 59.0342**, and if you desaturate by 10%, it is **51.4399, 43.7282, 64.6434**.

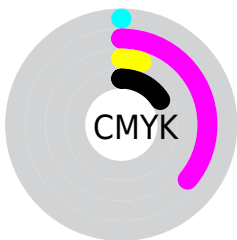
Distribution



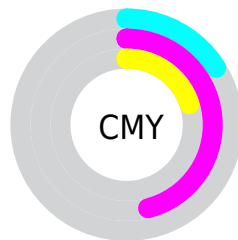
- Red (84%)
- Green (54%)
- Blue (80%)



- Red (84%)
- Yellow (54%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7191, 36.8327, 61.7211 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 47.7191, 36.8327, 61.7211 by changing the saturation by 10% instead.


 47.7191, 36.8327,
61.7211


 47.7191, 36.8327,
61.7211


368.2788,
332.5856, 448.8926


 33.8148, 25.0780,
44.3730


 85.9983, 70.3154,
108.8900

 22.9136, 16.1352,
30.6245


 111.1038, 92.8122,
139.5480

 14.6501, 9.6199,
20.0571


 140.6739,
119.6584, 175.4796

 8.6589, 5.1476,
12.2520

175.0738,
151.2386, 217.1036

 4.5747, 2.3341,
6.7909

214.6689,
187.9369, 264.8383

 2.0321, 0.7917,
3.2552

259.8245,

 0.6519, 0.0000,

230.1380, 319.1023

1.2264

310.9060,
278.2261, 380.3142

■ 0.0000, 0.0000,
0.0003

■ 0.0000, 0.0000,
0.0000

■ 47.7191, 36.8327,
61.7211

■ 47.7191, 36.8327,
61.7211

■ 44.6116, 31.1527,
59.0342

■ 51.4399, 43.7282,
64.6434

■ 42.0782, 26.6119,
56.5682

■ 55.8033, 51.8997,
67.8098

■ 40.0806, 23.1330,
54.3106

■ 60.8410, 61.4099,
71.2313

■ 38.5743, 20.6271,
52.2465

■ 66.5814, 72.3157,
74.9178

■ 37.5076, 18.9908,
50.3584

■ 73.0515, 84.6706,
78.8781

■ 36.8170, 18.0971,
48.6251

■ 76.5293, 91.0313,
81.8720

■ 36.5779, 17.8347,
47.8803

■ 76.9076, 91.1826,
83.8637

■ 77.2921, 91.3364,
85.8887

■ 77.6830, 91.4928,
87.9472

Harmonies

Analogous

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



42.0843, 36.8327, 82.1114



47.7191, 36.8327, 61.7211



49.8599, 36.8327, 39.8509

Triad

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



47.7191, 36.8327, 61.7211



34.9197, 36.8327, 13.0171



24.8531, 36.8327, 62.3098

Complementary

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



47.7191, 36.8327, 61.7211



39.8746, 55.6357, 36.6563

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.



23.4444, 36.8327, 40.3593



47.7191, 36.8327, 61.7211



28.7737, 36.8327, 15.6139

Square

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



47.7191, 36.8327, 61.7211



41.9108, 36.8327, 15.4788



24.7826, 36.8327, 24.2357



28.9088, 36.8327, 82.5219

Rectangle

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



47.7191, 36.8327, 61.7211



48.8256, 36.8327, 28.3721



24.7826, 36.8327, 24.2357



24.0799, 36.8327, 54.6936

Sweetspot

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



47.7203, 36.8344, 61.7219



86.1567, 83.1554, 103.0319



33.2364, 29.2246, 67.5083



18.2254, 17.3919, 21.9054



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.



47.7203, 36.8344, 61.7219



67.2321, 47.9432, 88.5941



43.8088, 35.2698, 41.1243



12.8794, 12.6033, 15.3053



22.1364, 10.7909, 29.0860



1.3552, 0.6589, 1.8596

Inverse Universe

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



47.7203, 36.8344, 61.7219



67.2321, 47.9432, 88.5941



43.2721, 56.9947, 54.5470



12.8794, 12.6033, 15.3053



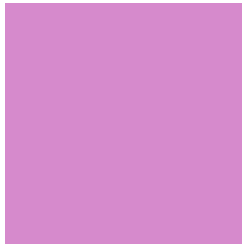
22.1364, 10.7909, 29.0860



1.3552, 0.6589, 1.8596

Previews

White Background



This preview shows how the XYZ color 47.7191, 36.8327, 61.7211 looks on a white background.

Color Contrast Check

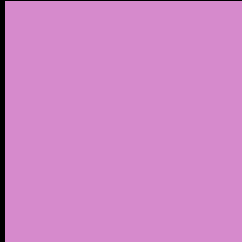
Large Text (above 18pt) WCAG AA × Fail

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 47.7191, 36.8327, 61.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

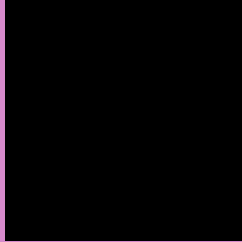
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7191, 36.8327, 61.7211

Background



This preview shows how black text looks on a background with the XYZ color 47.7191, 36.8327, 61.7211.



This preview shows how white text looks on a background with the XYZ color 47.7191, 36.8327,

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

47.7191, 36.8327, 61.7211

Protanopia

38.0041, 37.2642, 73.5963

Deuteranopia

37.8964, 36.9931, 59.7866



Tritanopia

42.6177, 36.7460, 37.1942

Trichromacy



Original Color

47.7191, 36.8327, 61.7211



Protanomaly

40.4516, 36.3467, 69.1736



Deuteranomaly

40.8269, 36.4973, 60.1512



Tritanomaly

44.2895, 36.7433, 45.3153

Monochromacy



Original Color

47.7191, 36.8327, 61.7211



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

40.4050, 37.7644, 48.8757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7191, 36.8327, 61.7211 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(214, 138, 204) looks like.

```
.text, #text, p{  
    color:rgb(214, 138, 204)  
}
```

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(214, 138, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 138, 204) }
```

Border

The CSS property to change the border of an element to XYZ 47.7191, 36.8327, 61.7211 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(214, 138, 204) }
```


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

```
.border{ border-color:rgb(214, 138, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 138, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 138, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 138, 204);  
box-shadow:4px 4px 4px 4px rgb(214, 138,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7191, 36.8327, 61.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 138, 204) }
```

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

```
.background{ background-color: rgb(214,  
138, 204) }
```

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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