

Converting Colors

XYZ(41.3260, 31.5482, 61.8657)

Have a look what the booklet for
XYZ(41.3260, 31.5482, 61.8657)
contains.

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Color

**XYZ(41.2443, 31.4482,
61.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	C380CD
RGB	195, 128, 205
RGB Percent	76%, 50%, 80%
CMY	0.2353, 0.4980, 0.1961
CMYK	0.05, 0.38, 0.00, 0.20
HSL	292°, 44%, 65%
HSV	292°, 38%, 80%
XYZ	41.2443, 31.4482, 61.6539
YIQ	156.8110, 15.2150, 38.1510

Conversions

Conversions Part 2

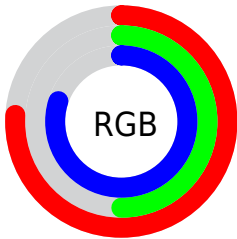
Format	Color
RYB	195, 128, 205
Decimal	12812493
CIELab	62.88, 38.52, -29.45
CIELCh	63, 48.492, 322.598
Yxy	31.4482, 0.3070, 0.2341
Android (android.graphics.Color)	4291002573 (0xFFC380CD)
YUV	156.8110, 23.7572, 33.4918
Hunter-Lab	56.0787, 33.1440, -25.9294

Details

The XYZ color **41.2443, 31.4482, 61.6539** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **36.2098, 50.6252, 28.2867**, and the grayscale version is **31.8557, 33.5147, 36.4975**.

A 20% lighter version of the original color is **75.2860, 61.5585, 102.5217**, and **18.9741, 13.0852, 30.3798** is the 20% darker color. If you saturate the color by 10%, you get **38.1542, 26.2795, 60.8196**, and if you desaturate by 10%, it is **44.8889, 37.7063, 62.6702**.

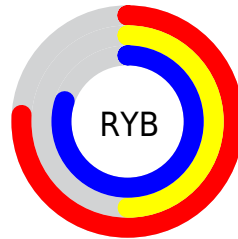
Distribution



Red (76%)

Green (50%)

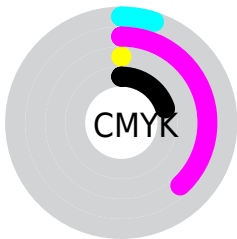
Blue (80%)



Red (76%)

Yellow (50%)

Blue (80%)

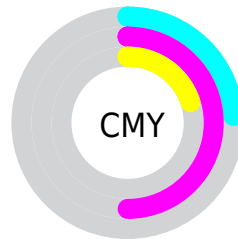


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (24%)


Magenta (50%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2443, 31.4482, 61.6539 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 41.2443, 31.4482, 61.6539 by changing the saturation by 10% instead.


 41.2443, 31.4482,
61.6539


 41.2443, 31.4482,
61.6539

342.3858,
308.5979, 448.6403


 28.6985, 20.9404,
44.3191


 76.3270, 61.9450,
108.7919

 18.9960, 13.0804,
30.5824


 99.5946, 82.7028,
139.4322

 11.7714, 7.4840,
20.0253


 127.1669,
107.6461, 175.3448

 6.6593, 3.7666,
12.2292

159.4092,
137.1592, 216.9481

 3.2944, 1.5439,
6.7755

196.6869,
171.6265, 264.6608

 1.3113, 0.3193,
3.2458

239.3653,

 0.1916, 0.0000,

211.4325, 318.9014

1.2215

287.8098,
256.9615, 380.0883

■ 0.0000, 0.0000,
0.0000

■ 41.2443, 31.4482,
61.6539

■ 41.2443, 31.4482,
61.6539

■ 38.1542, 26.2795,
60.8196

■ 44.8889, 37.7063,
62.6702

■ 35.5827, 22.1305,
60.1543

■ 49.1149, 45.1097,
63.8765

■ 33.4945, 18.9301,
59.6466


■ 53.9512, 53.7153,
65.2826


■ 31.8485, 16.5961,
59.2828


■ 59.4239, 63.5750,
66.8973


■ 30.5964, 15.0323,
59.0470


■ 65.5574, 74.7379,
68.7287


 29.6708, 14.1035,
58.9165

 72.3750, 87.2502,
70.7845

 29.4666, 13.9176,
58.8914

 74.4053, 90.1694,
71.2409

 75.1870, 90.5724,
71.2775

 75.9814, 90.9819,
71.3147

Harmonies

Analogous

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



35.0791, 31.4482, 80.4072



41.2443, 31.4482, 61.6539



44.4509, 31.4482, 39.1802

Triad

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



41.2443, 31.4482, 61.6539



31.5686, 31.4482, 9.2495



19.5701, 31.4482, 50.3321

Complementary

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



41.2443, 31.4482, 61.6539



36.2098, 50.6252, 28.2867

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.



18.9175, 31.4482, 29.7368



41.2443, 31.4482, 61.6539



25.2407, 31.4482, 10.3371

Square

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



41.2443, 31.4482, 61.6539



38.3508, 31.4482, 12.6091



20.8388, 31.4482, 16.4652



22.7762, 31.4482, 72.3560

Rectangle

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



41.2443, 31.4482, 61.6539



44.1891, 31.4482, 26.8583



20.8388, 31.4482, 16.4652



19.0663, 31.4482, 42.8676

Sweetspot

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



41.2453, 31.4496, 61.6546



85.4179, 82.7065, 106.0697



29.0496, 27.2520, 61.4871



18.0480, 17.2841, 22.6349



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.



41.2453, 31.4496, 61.6546



63.4331, 44.5918, 99.8715



40.8095, 31.5838, 45.4196



11.5387, 11.3270, 14.1485



18.4010, 8.6936, 36.6645



0.9902, 0.4696, 1.8934

Inverse Universe

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



37.4844, 30.2537, 27.9099



56.5838, 42.4610, 36.2908



36.7550, 50.6608, 39.3988



11.2706, 11.2370, 11.9598



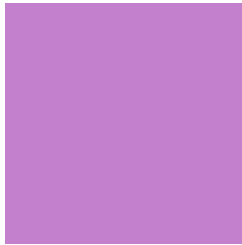
15.8138, 8.1361, 1.4722



0.8358, 0.4277, 0.1811

Previews

White Background



This preview shows how the XYZ color 41.2443, 31.4482, 61.6539 looks on a white background.

Color Contrast Check

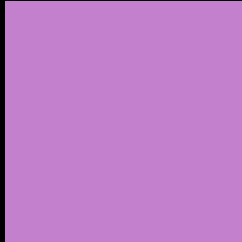
Large Text (above 18pt) WCAG AA × Fail

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 41.2443, 31.4482, 61.6539 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 41.2443, 31.4482, 61.6539

Background



This preview shows how black text looks on a background with the XYZ color 41.2443, 31.4482, 61.6539.



This preview shows how white text looks on a background with the XYZ color 41.2443, 31.4482,

61.6539.

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

41.2443, 31.4482, 61.6539

Protanopia

33.1444, 31.7537, 73.4894

Deuteranopia

32.4335, 31.6925, 59.6662



Tritanopia

35.2312, 31.2320, 33.0257

Trichromacy



Original Color

41.2443, 31.4482, 61.6539



Protanomaly

35.2045, 31.0762, 69.1086



Deuteranomaly

35.0316, 31.1873, 60.0505



Tritanomaly

37.1549, 31.1774, 42.0898

Monochromacy



Original Color

41.2443, 31.4482, 61.6539



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

34.7135, 32.2717, 44.4439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2443, 31.4482, 61.6539 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(195, 128, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 128, 205)  
}
```

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(195, 128, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 128, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.2443, 31.4482, 61.6539 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(195, 128, 205) }
```


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

```
.border{ border-color:rgb(195, 128, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 128, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 128, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 128, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 128,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2443, 31.4482, 61.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 128, 205) }
```

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

```
.background{ background-color: rgb(195,  
128, 205) }
```

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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