

Converting Colors

XYZ(60.0303, 49.4543, 82.7256)

Have a look what the booklet for
XYZ(60.0303, 49.4543, 82.7256)
contains.

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Color

**XYZ(60.1966, 49.5926,
82.7436)**

Conversions

Conversions Part 1	
Format	Color
Hex	E4A6E8
RGB	228, 166, 232
RGB Percent	89%, 65%, 91%
CMY	0.1059, 0.3490, 0.0902
CMYK	0.02, 0.28, 0.00, 0.09
HSL	296°, 59%, 78%
HSV	296°, 28%, 91%
XYZ	60.1966, 49.5926, 82.7436
YIQ	192.0620, 15.7660, 33.6700

Conversions

Conversions Part 2

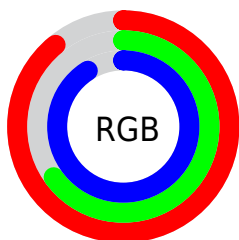
Format	Color
RYB	228, 166, 232
Decimal	14984936
CIELab	75.82, 33.62, -24.20
CIELCh	76, 41.423, 324.247
Yxy	49.5926, 0.3127, 0.2576
Android (android.graphics.Color)	4293175016 (0xFFE4A6E8)
YUV	192.0620, 19.6894, 31.5176
Hunter-Lab	70.4220, 29.3429, -20.3684

Details

The XYZ color **60.1966, 49.5926, 82.7436** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.3189, 69.0137, 46.6423**, and the grayscale version is **50.0227, 52.6278, 57.3116**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.7549, 23.7155, 44.0309** is the 20% darker color. If you saturate the color by 10%, you get **55.9100, 41.6779, 81.4426**, and if you desaturate by 10%, it is **65.2507, 59.0349, 84.3005**.

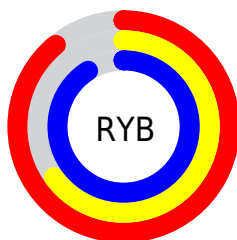
Distribution



Red (89%)

Green (65%)

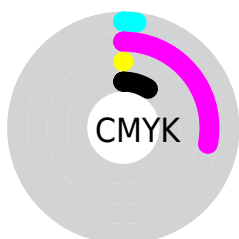
Blue (91%)



Red (89%)

Yellow (65%)

Blue (91%)

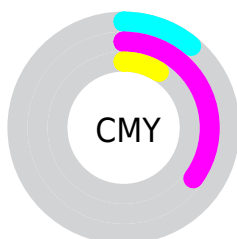


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (35%)


Yellow (9%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 60.1966, 49.5926, 82.7436 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 60.1966, 49.5926, 82.7436 by changing the saturation by 10% instead.


 60.1966, 49.5926,
82.7436


 60.1966, 49.5926,
82.7436


415.1452,
385.0706, 524.0802

 43.8272, 35.0898,
61.4393


 104.2195, 89.5710,
139.0623

 30.7320, 23.7321,
44.1469

 132.6038,
115.8153, 174.9138

 20.5457, 15.1350,
30.4480


165.7236,
146.7423, 216.4514

 12.9029, 8.9142,
19.9239

203.9445,
182.7363, 264.0936

 7.4382, 4.6852,
12.1562

247.6318,
224.1818, 318.2591

 3.7864, 2.0638,
6.7263


297.1507,


 1.5820, 0.6441,


271.4630, 379.3663


3.2157

352.8667,
324.9645, 447.8339


 0.3806, 0.0000,
1.2058


 0.0000, 0.0000,
0.0000


 60.1966, 49.5926,
82.7436


 60.1966, 49.5926,
82.7436


 55.9100, 41.6779,
81.4426


 65.2507, 59.0349,
84.3005


 52.3452, 35.2024,
80.3806


 71.1054, 70.0740,
86.1227


 49.4590, 30.0788,
79.5437


 77.7976, 82.7827,
88.2230


 47.2016, 26.2076,
78.9155


 84.1345, 94.7753,
90.2038


 45.5166, 23.4755,
78.4769


 84.5970, 95.0138,
90.2255


 44.3370, 21.7491,
78.2059


 85.0631, 95.2541,
90.2473

 43.5660, 20.8346,
78.0700

 85.5330, 95.4963,
90.2693

 43.4615, 20.7226,
78.0539

 86.0065, 95.7404,
90.2914

 86.4837, 95.9864,
90.3138

Harmonies

Analogous

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



53.4794, 49.5926, 102.5995



60.1966, 49.5926, 82.7436



63.4489, 49.5926, 58.3590

Triad

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



60.1966, 49.5926, 82.7436



48.6354, 49.5926, 21.8509



34.8884, 49.5926, 73.3429

Complementary

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



60.1966, 49.5926, 82.7436



52.3189, 69.0137, 46.6423

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.



33.8907, 49.5926, 49.8597



60.1966, 49.5926, 82.7436



41.3156, 49.5926, 23.8372

Square

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



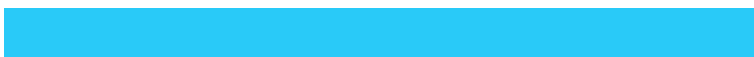
60.1966, 49.5926, 82.7436



56.3236, 49.5926, 26.3863



36.1164, 49.5926, 32.8250



39.0066, 49.5926, 96.2188

Rectangle

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



60.1966, 49.5926, 82.7436



62.9859, 49.5926, 44.2234



36.1164, 49.5926, 32.8250



34.1971, 49.5926, 65.1159

Sweetspot

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



60.1982, 49.5948, 82.7447



87.6508, 85.9585, 106.5797



44.7433, 42.8352, 82.2545



18.5221, 17.9471, 22.7379



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.



60.1982, 49.5948, 82.7447



71.4414, 55.6132, 101.5768



57.7438, 48.7613, 63.1203



14.9043, 14.5684, 18.1708



24.1671, 11.5245, 43.3339



1.8122, 0.8652, 3.2035

Inverse Universe

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



54.1723, 47.3327, 44.3134



62.8947, 52.4148, 46.6191



54.3894, 69.7436, 61.9901



14.4122, 14.3821, 15.1052



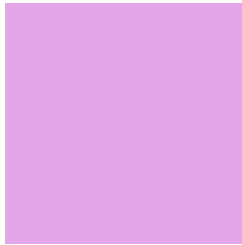
18.5344, 9.5480, 1.1772



1.3822, 0.7106, 0.1531

Previews

White Background



This preview shows how the XYZ color 60.1966, 49.5926, 82.7436 looks on a white background.

Color Contrast Check

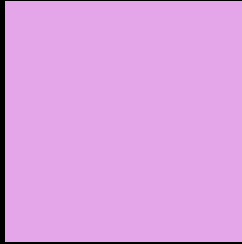
Large Text (above 18pt) WCAG AA × Fail

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 60.1966, 49.5926, 82.7436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

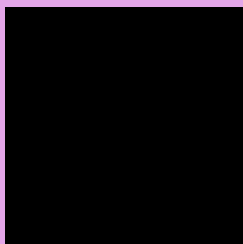
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1966, 49.5926, 82.7436

Background



This preview shows how black text looks on a background with the XYZ color 60.1966, 49.5926, 82.7436.



This preview shows how white text looks on a background with the XYZ color 60.1966, 49.5926,

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

60.1966, 49.5926, 82.7436

Protanopia

50.7781, 50.0097, 94.1653

Deuteranopia

50.8435, 49.7145, 81.0449



Tritanopia

54.3374, 49.4325, 54.2545

Trichromacy



Original Color
60.1966, 49.5926, 82.7436



Protanomaly
53.5358, 49.3981, 89.9322



Deuteranomaly
53.8245, 49.4368, 81.5683



Tritanomaly
56.2025, 49.3327, 63.6867

Monochromacy



Original Color
60.1966, 49.5926, 82.7436



Achromatopsia
50.1023, 52.7115, 57.4028



Achromatomaly
53.3728, 51.3511, 66.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1966, 49.5926, 82.7436 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(228, 166, 232) looks like.

```
.text, #text, p{  
    color:rgb(228, 166, 232)  
}
```

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(228, 166, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 166, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.1966, 49.5926, 82.7436 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(228, 166, 232) }
```


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

```
.border{ border-color:rgb(228, 166, 232) }
```

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

Here you see how a box with a 4 pixel rgb(228, 166, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 166, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 166, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 166,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1966, 49.5926, 82.7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 166, 232) }
```

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

```
.background{ background-color: rgb(228,  
166, 232) }
```

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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