

Converting Colors

XYZ(36.6077, 25.4053, 49.6510)

Have a look what the booklet for
XYZ(36.6077, 25.4053, 49.6510)
contains.

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Color

**XYZ(36.4202, 25.2504,
49.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	C369BA
RGB	195, 105, 186
RGB Percent	76%, 41%, 73%
CMY	0.2353, 0.5882, 0.2706
CMYK	0.00, 0.46, 0.05, 0.24
HSL	306°, 43%, 59%
HSV	306°, 46%, 76%
XYZ	36.4202, 25.2504, 49.4086
YIQ	141.1440, 27.6390, 44.2710

Conversions

Conversions Part 2

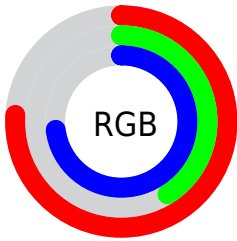
Format	Color
RYB	195, 105, 186
Decimal	12806586
CIELab	57.32, 47.14, -27.28
CIELCh	57, 54.461, 329.942
Yxy	25.2504, 0.3279, 0.2273
Android (android.graphics.Color)	4290996666 (0xFFC369BA)
YUV	141.1440, 22.1140, 47.2317
Hunter-Lab	50.2498, 41.4367, -23.1226

Details

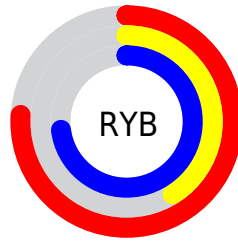
The XYZ color **36.4202, 25.2504, 49.4086** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.3792, 43.2494, 22.7734**, and the grayscale version is **25.2831, 26.5998, 28.9671**.

A 20% lighter version of the original color is **68.9332, 52.0897, 90.4255**, and **16.1542, 9.7286, 23.2167** is the 20% darker color. If you saturate the color by 10%, you get **34.4514, 21.6418, 47.7366**, and if you desaturate by 10%, it is **38.8489, 29.7731, 51.2484**.

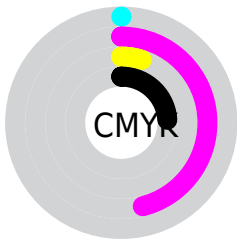
Distribution



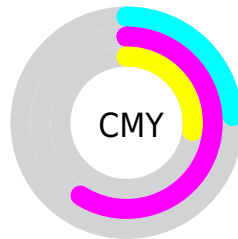
- Red (76%)
- Green (41%)
- Blue (73%)



- Red (76%)
- Yellow (41%)
- Blue (73%)



- Cyan (0%)
- Magenta (46%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4202, 25.2504, 49.4086 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 36.4202, 25.2504, 49.4086 by changing the saturation by 10% instead.


 36.4202, 25.2504,
49.4086


 36.4202, 25.2504,
49.4086


322.1927,
279.0827, 401.0173


 24.9305, 16.2637,
34.5758


 68.9998, 52.0632,
90.6853


 16.1537, 9.7110,
23.0554

 90.8204, 70.6580,
117.9663

 9.7245, 5.2077,
14.4287


 116.8153, 93.2244,
150.2337

 5.2776, 2.3697,
8.2773

 147.3500,
120.1466, 187.9062

 2.4474, 0.8102,
4.1826

182.7897,
151.8092, 231.4023

 0.8688, 0.0000,
1.7260

223.4998,

 0.0000, 0.0000,

188.5965, 281.1405

0.3785

269.8457,
230.8928, 337.5393

■ 0.0000, 0.0000,
0.0000

■ 36.4202, 25.2504,
49.4086

■ 36.4202, 25.2504,
49.4086

■ 34.4514, 21.6418,
47.7366

■ 38.8489, 29.7731,
51.2484

■ 32.9083, 18.8807,
46.2201

■ 41.7634, 35.2636,
53.2639

■ 31.7563, 16.8973,
44.8478

■ 45.1910, 41.7755,
55.4645

■ 30.9540, 15.6087,
43.6059

■ 49.1559, 49.3575,
57.8583

■ 30.4486, 14.9096,
42.4768

■ 53.6808, 58.0550,
60.4530

■ 30.2930, 14.7171,
42.0589

■ 58.7874, 67.9111,
63.2558

■ 64.4959, 78.9664,
66.2735

■ 68.8797, 87.3677,
68.8640

■ 69.1115, 87.4605,
70.0849

Harmonies

Analogous

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



30.7407, 25.2504, 71.2107



36.4202, 25.2504, 49.4086



38.6684, 25.2504, 27.5293

Triad

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



36.4202, 25.2504, 49.4086



24.0123, 25.2504, 5.0695



14.7738, 25.2504, 49.3168

Complementary

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



36.4202, 25.2504, 49.4086



28.3792, 43.2494, 22.7734

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.



13.6075, 25.2504, 27.4575



36.4202, 25.2504, 49.4086



18.3242, 25.2504, 6.7665

Square

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



36.4202, 25.2504, 49.4086



30.7662, 25.2504, 6.7806



14.7829, 25.2504, 13.2595



18.3061, 25.2504, 71.1431

Rectangle

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



36.4202, 25.2504, 49.4086



37.6549, 25.2504, 17.0673



14.7829, 25.2504, 13.2595



14.1236, 25.2504, 41.4813

Sweetspot

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



36.4210, 25.2515, 49.4091



82.2342, 77.2947, 100.1384



21.8425, 17.6220, 53.8807



17.6860, 16.3117, 21.7298



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.



36.4210, 25.2515, 49.4091



61.7962, 38.9309, 85.5811



32.3660, 23.6295, 28.0557



10.4525, 10.2296, 12.4733



19.7062, 9.5722, 27.4288



0.8642, 0.4187, 1.2525

Inverse Universe

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



36.4210, 25.2515, 49.4091



61.7962, 38.9309, 85.5811



31.5999, 44.5376, 39.7332



10.4525, 10.2296, 12.4733



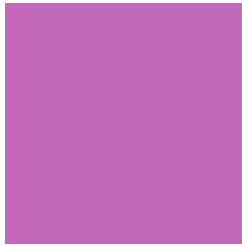
19.7062, 9.5722, 27.4288



0.8642, 0.4187, 1.2525

Previews

White Background



This preview shows how the XYZ color 36.4202, 25.2504, 49.4086 looks on a white background.

Color Contrast Check

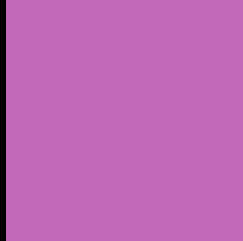
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4202, 25.2504, 49.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

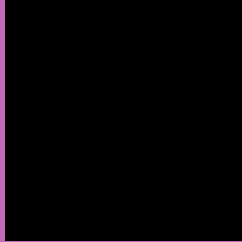
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4202, 25.2504, 49.4086

Background



This preview shows how black text looks on a background with the XYZ color 36.4202, 25.2504, 49.4086.



This preview shows how white text looks on a background with the XYZ color 36.4202, 25.2504,

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

36.4202, 25.2504, 49.4086

Protanopia

27.1191, 25.7062, 64.5052

Deuteranopia

26.0467, 25.5337, 47.2717



Tritanopia

31.0482, 25.1805, 23.3026

Trichromacy



Original Color

36.4202, 25.2504, 49.4086



Protanomaly

29.0316, 24.6351, 58.4833



Deuteranomaly

28.8298, 24.7615, 48.0597



Tritanomaly

32.7363, 25.0247, 31.1218

Monochromacy



Original Color

36.4202, 25.2504, 49.4086



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

28.5029, 25.4497, 35.3083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4202, 25.2504, 49.4086 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, 105, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 105, 186)  
}
```

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, 105, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 105, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.4202, 25.2504, 49.4086 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, 105, 186) }
```


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

```
.border{ border-color:rgb(195, 105, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 105, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 105, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 105, 186);  
box-shadow:4px 4px 4px 4px rgb(195, 105,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4202, 25.2504, 49.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 105, 186) }
```

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

```
.background{ background-color: rgb(195,  
105, 186) }
```

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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