

Converting Colors

XYZ(36.0105, 25.3222, 39.3554)

Have a look what the booklet for
XYZ(36.0105, 25.3222, 39.3554)
contains.

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Color

**XYZ(36.1140, 25.3107,
39.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	C969A7
RGB	201, 105, 167
RGB Percent	79%, 41%, 65%
CMY	0.2118, 0.5882, 0.3451
CMYK	0.00, 0.48, 0.17, 0.21
HSL	321°, 47%, 60%
HSV	321°, 48%, 79%
XYZ	36.1140, 25.3107, 39.5412
YIQ	140.7720, 37.3140, 39.6340

Conversions

Conversions Part 2

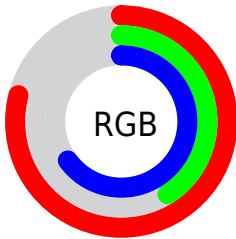
Format	Color
R _{YB}	201, 105, 167
Decimal	13199783
CIE _{Lab}	57.38, 45.87, -16.18
CIE _{LCh}	57, 48.635, 340.571
Y _{xy}	25.3107, 0.3577, 0.2507
Android (android.graphics.Color)	4291389863 (0xFFC969A7)
YUV	140.7720, 12.9304, 52.8200
Hunter-Lab	50.3097, 40.0912, -11.3825

Details

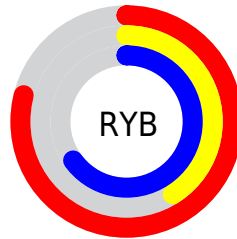
The XYZ color **36.1140, 25.3107, 39.5412** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.3737, 46.6414, 31.7773**, and the grayscale version is **25.1698, 26.4806, 28.8373**.

A 20% lighter version of the original color is **66.8230, 51.3302, 75.4930**, and **16.0447, 9.8038, 17.2663** is the 20% darker color. If you saturate the color by 10%, you get **33.6634, 21.4336, 35.5662**, and if you desaturate by 10%, it is **39.0862, 30.1722, 43.8693**.

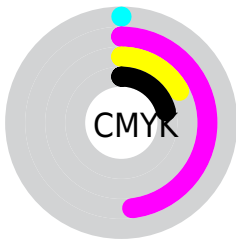
Distribution



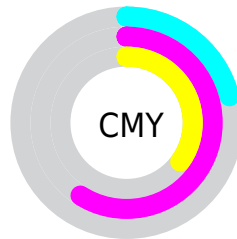
- Red (79%)
- Green (41%)
- Blue (65%)



- Red (79%)
- Yellow (41%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1140, 25.3107, 39.5412 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 36.1140, 25.3107, 39.5412 by changing the saturation by 10% instead.

 36.1140, 25.3107,
39.5412


 36.1140, 25.3107,
39.5412

320.8811,
279.3817, 359.6804


 24.6928, 16.3087,
26.8699


 68.5307, 52.1608,
75.6938


 15.9758, 9.7429,
17.2440


 90.2569, 70.7777,
100.0122

 9.5978, 5.2288,
10.2448


 116.1488, 93.3684,
129.0501

 5.1933, 2.3821,
5.4539

 146.5717,
120.3172, 163.2260

 2.3970, 0.8167,
2.4526

181.8911,
152.0085, 202.9584

 0.8436, 0.0000,
0.8149

222.4722,

 0.0000, 0.0000,

188.8268, 248.6659

0.0000

268.6804,
231.1564, 300.7671

■ 36.1140, 25.3107,
39.5412

■ 36.1140, 25.3107,
39.5412

■ 33.6634, 21.4336,
35.5662

■ 39.0862, 30.1722,
43.8693

■ 31.6968, 18.4679,
31.9282

■ 42.6094, 36.0773,
48.5625

■ 30.1753, 16.3362,
28.6116


■ 46.7136, 43.0846,
53.6336


■ 29.0523, 14.9463,
25.5978


■ 51.4259, 51.2473,
59.0943


■ 28.2607, 14.1651,
22.8615


■ 56.7715, 60.6152,
64.9557

 28.1040, 14.0242,
22.2777

 62.7743, 71.2352,
71.2282

 69.4568, 83.1515,
77.9219

 73.2958, 89.3169,
83.8648

 74.2816, 89.7112,
89.0562

Harmonies

Analogous

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



32.0209, 25.3107, 59.4381



36.1140, 25.3107, 39.5412



36.6988, 25.3107, 22.1299

Triad

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



36.1140, 25.3107, 39.5412



22.0781, 25.3107, 6.6349



16.5734, 25.3107, 53.8298

Complementary

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



36.1140, 25.3107, 39.5412



31.3737, 46.6414, 31.7773

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.



14.7135, 25.3107, 33.8106



36.1140, 25.3107, 39.5412



17.5370, 25.3107, 9.7800

Square

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



36.1140, 25.3107, 39.5412



27.9407, 25.3107, 7.1389



15.0355, 25.3107, 18.2809



20.5510, 25.3107, 69.7122

Rectangle

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



36.1140, 25.3107, 39.5412



34.9333, 25.3107, 14.3486



15.0355, 25.3107, 18.2809



15.7110, 25.3107, 47.0908

Sweetspot

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



36.1148, 25.3119, 39.5417



82.7303, 78.5119, 95.0786



26.1762, 19.7763, 57.6962



17.3425, 16.1743, 19.9209



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.



36.1148, 25.3119, 39.5417



57.6197, 36.6731, 60.8666



32.4938, 23.8635, 20.4740



10.9174, 10.7504, 12.5485



17.7155, 8.8358, 14.2436



0.8723, 0.4318, 0.8509

Inverse Universe

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



36.1148, 25.3119, 39.5417



57.6197, 36.6731, 60.8666



35.6401, 48.3479, 54.2439



10.9174, 10.7504, 12.5485



17.7155, 8.8358, 14.2436



0.8723, 0.4318, 0.8509

Previews

White Background



This preview shows how the XYZ color 36.1140, 25.3107, 39.5412 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 36.1140, 25.3107, 39.5412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

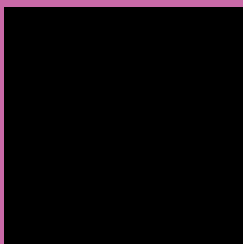
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1140, 25.3107, 39.5412

Background



This preview shows how black text looks on a background with the XYZ color 36.1140, 25.3107, 39.5412.



This preview shows how white text looks on a background with the XYZ color 36.1140, 25.3107,

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

36.1140, 25.3107, 39.5412

Protanopia

26.2668, 25.5370, 52.2599

Deuteranopia

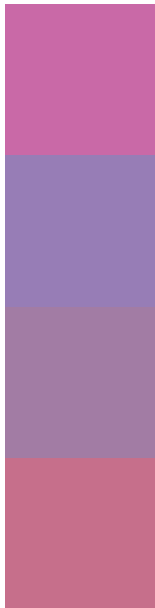
26.0008, 25.5120, 37.7363



Tritanopia

32.3574, 25.2005, 21.8976

Trichromacy



Original Color

36.1140, 25.3107, 39.5412

Protanomaly

28.5396, 24.6239, 47.5047

Deuteranomaly

28.8088, 24.7770, 38.3860

Tritanomaly

33.6333, 25.2387, 27.5250

Monochromacy



Original Color

36.1140, 25.3107, 39.5412

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.3284, 25.4269, 32.2690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1140, 25.3107, 39.5412 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(201, 105, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 167)  
}
```

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(201, 105, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.1140, 25.3107, 39.5412 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(201, 105, 167) }
```


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

```
.border{ border-color:rgb(201, 105, 167) }
```

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

Here you see how a box with a 4 pixel rgb(201, 105, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1140, 25.3107, 39.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 167) }
```

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

```
.background{ background-color: rgb(201,  
105, 167) }
```

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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