

Converting Colors

XYZ(37.0963, 25.3453, 51.2433)

Have a look what the booklet for
XYZ(37.0963, 25.3453, 51.2433)
contains.

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Color

**XYZ(37.1616, 25.4451,
51.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	C568BD
RGB	197, 104, 189
RGB Percent	77%, 41%, 74%
CMY	0.2274, 0.5921, 0.2588
CMYK	0.00, 0.47, 0.04, 0.23
HSL	305°, 44%, 59%
HSV	305°, 47%, 77%
XYZ	37.1616, 25.4451, 51.0969
YIQ	141.4970, 28.1430, 46.1510

Conversions

Conversions Part 2

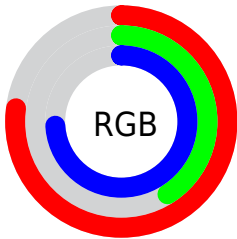
Format	Color
RYB	197, 104, 189
Decimal	12937405
CIELab	57.51, 48.77, -28.69
CIELCh	58, 56.584, 329.540
Yxy	25.4451, 0.3268, 0.2238
Android (android.graphics.Color)	4291127485 (0xFFC568BD)
YUV	141.4970, 23.4190, 48.6761
Hunter-Lab	50.4431, 43.2260, -24.7482

Details

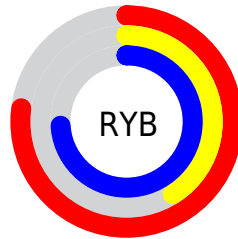
The XYZ color **37.1616, 25.4451, 51.0969** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.6009, 44.0463, 22.3252**, and the grayscale version is **25.4165, 26.7402, 29.1200**.

A 20% lighter version of the original color is **70.1014, 52.3675, 93.6020**, and **16.5415, 9.7796, 23.9375** is the 20% darker color. If you saturate the color by 10%, you get **35.2227, 21.8595, 49.5484**, and if you desaturate by 10%, it is **39.5675, 29.9602, 52.8121**.

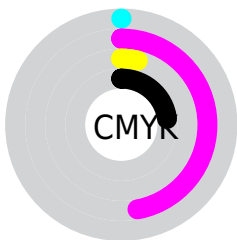
Distribution



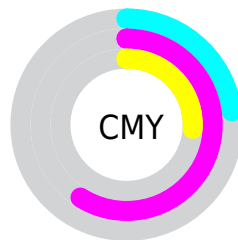
- Red (77%)
- Green (41%)
- Blue (74%)



- Red (77%)
- Yellow (41%)
- Blue (74%)



- Cyan (0%)
- Magenta (47%)
- Yellow (4%)
- Black (23%)





- Cyan (23%)
- Magenta (59%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1616, 25.4451, 51.0969 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 37.1616, 25.4451, 51.0969 by changing the saturation by 10% instead.

 37.1616, 25.4451,
51.0969


 37.1616, 25.4451,
51.0969


325.3530,
280.0474, 407.7974

 25.5069, 16.4090,
35.9085


 70.1335, 52.3784,
93.2110


 16.5858, 9.8140,
24.0744

 92.1813, 71.0443,
120.9737

 10.0331, 5.2758,
15.1761


 118.4243, 93.6890,
153.7649

 5.4834, 2.4100,
8.7951

 149.2277,
120.6969, 192.0031

 2.5712, 0.8310,
4.5128

184.9570,
152.4522, 236.1070

 0.9313, 0.0000,
1.9107

225.9773,

 0.0000, 0.0000,

189.3395, 286.4950

0.4995

272.6542,
231.7431, 343.5856

■ 0.0000, 0.0000,
0.0000

■ 37.1616, 25.4451,
51.0969

■ 37.1616, 25.4451,
51.0969

■ 35.2227, 21.8595,
49.5484

■ 39.5675, 29.9602,
52.8121

■ 33.7156, 19.1345,
48.1542

■ 42.4674, 35.4604,
54.7024

■ 32.6040, 17.1972,
46.9023


■ 45.8893, 42.0011,
56.7774


■ 31.8447, 15.9611,
45.7784

■ 49.8584, 49.6327,
59.0455


■ 31.3780, 15.3068,
44.7625

■ 54.3981, 58.4022,
61.5146

 31.2699, 15.1679,
44.4880

 59.5307, 68.3537,
64.1921

 65.2770, 79.5293,
67.0849

 69.5133, 87.6813,
69.4853

 69.7158, 87.7623,
70.5519

Harmonies

Analogous

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



31.1522, 25.4451, 74.1561



37.1616, 25.4451, 51.0969



39.5936, 25.4451, 28.0046

Triad

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



37.1616, 25.4451, 51.0969



24.2891, 25.4451, 4.6990



14.5724, 25.4451, 50.3243

Complementary

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



37.1616, 25.4451, 51.0969



28.6009, 44.0463, 22.3252

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.



13.4039, 25.4451, 27.4083



37.1616, 25.4451, 51.0969



18.3424, 25.4451, 6.3369

Square

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



37.1616, 25.4451, 51.0969



31.3662, 25.4451, 6.4491



14.6468, 25.4451, 12.8298



18.1928, 25.4451, 73.5829

Rectangle

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



37.1616, 25.4451, 51.0969



38.5667, 25.4451, 17.0549



14.6468, 25.4451, 12.8298



13.9134, 25.4451, 42.0627

Sweetspot

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



37.1624, 25.4463, 51.0974



84.2092, 79.1035, 102.8664



21.6799, 17.3616, 55.0325



17.7055, 16.3195, 21.8323



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.



37.1624, 25.4463, 51.0974



62.8798, 38.7771, 88.5657



32.9163, 23.7478, 28.7377



11.0422, 10.8003, 13.2056



20.5828, 9.9827, 29.3427



0.9865, 0.4774, 1.4519

Inverse Universe

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



37.1624, 25.4463, 51.0974



62.8798, 38.7771, 88.5657



31.8693, 45.3537, 39.5364



11.0422, 10.8003, 13.2056



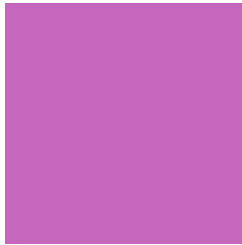
20.5828, 9.9827, 29.3427



0.9865, 0.4774, 1.4519

Previews

White Background



This preview shows how the XYZ color 37.1616, 25.4451, 51.0969 looks on a white background.

Color Contrast Check

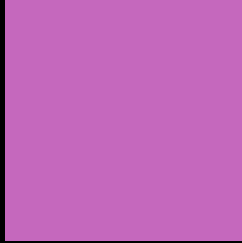
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1616, 25.4451, 51.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

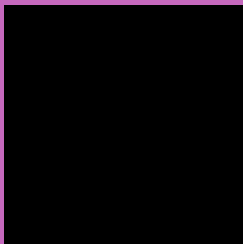
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1616, 25.4451, 51.0969

Background



This preview shows how black text looks on a background with the XYZ color 37.1616, 25.4451, 51.0969.



This preview shows how white text looks on a background with the XYZ color 37.1616, 25.4451,

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

37.1616, 25.4451, 51.0969

Protanopia

27.5003, 25.8296, 67.8262

Deuteranopia

26.1038, 25.5392, 48.3535



Tritanopia

31.5444, 25.4363, 23.3258

Trichromacy



Original Color

37.1616, 25.4451, 51.0969

Protanomaly

29.5036, 24.6223, 61.5901

Deuteranomaly

28.9135, 24.5935, 49.1221

Tritanomaly

33.4025, 25.3497, 31.9866

Monochromacy



Original Color

37.1616, 25.4451, 51.0969

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.8775, 25.6229, 36.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1616, 25.4451, 51.0969 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(197, 104, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 104, 189)  
}
```

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(197, 104, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 104, 189) }
```

Border

The CSS property to change the border of an element to XYZ 37.1616, 25.4451, 51.0969 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(197, 104, 189) }
```


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

```
.border{ border-color:rgb(197, 104, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 104, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 104, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 104, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 104,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1616, 25.4451, 51.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 104, 189) }
```

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

```
.background{ background-color: rgb(197,  
104, 189) }
```

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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