

Converting Colors

XYZ(41.6991, 37.0888, 53.2133)

Have a look what the booklet for
XYZ(41.6991, 37.0888, 53.2133)
contains.

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Color

**XYZ(41.6487, 37.0777,
53.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	BE98BD
RGB	190, 152, 189
RGB Percent	75%, 60%, 74%
CMY	0.2549, 0.4039, 0.2588
CMYK	0.00, 0.20, 0.01, 0.25
HSL	302°, 23%, 67%
HSV	302°, 20%, 75%
XYZ	41.6487, 37.0777, 53.1057
YIQ	167.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

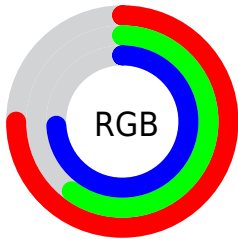
Format	Color
RYB	190, 152, 189
Decimal	12490941
CIELab	67.34, 20.57, -13.75
CIElCh	67, 24.742, 326.239
Yxy	37.0777, 0.3159, 0.2812
Android (android.graphics.Color)	4290681021 (0xFFBE98BD)
YUV	167.5800, 10.5601, 19.6623
Hunter-Lab	60.8915, 15.5308, -9.0850

Details

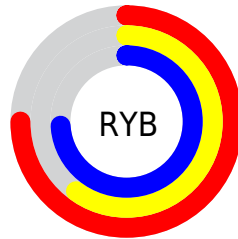
The XYZ color **41.6487, 37.0777, 53.1057** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.1135, 45.8033, 37.0237**, and the grayscale version is **36.9609, 38.8857, 42.3465**.

A 20% lighter version of the original color is **76.9105, 70.5093, 95.9422**, and **19.2510, 16.3192, 25.4278** is the 20% darker color. If you saturate the color by 10%, you get **38.7548, 31.3760, 51.8741**, and if you desaturate by 10%, it is **45.0390, 43.7707, 54.5046**.

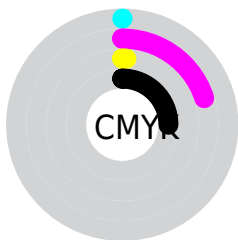
Distribution



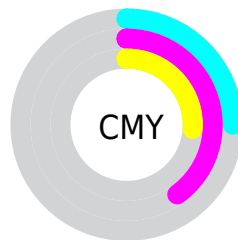
- Red (75%)
- Green (60%)
- Blue (74%)



- Red (75%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6487, 37.0777, 53.1057 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 41.6487, 37.0777, 53.1057 by changing the saturation by 10% instead.

■ 41.6487, 37.0777,
53.1057

■ 41.6487, 37.0777,
53.1057

344.0410,
333.6468, 415.7683

■ 29.0162, 25.2677,
37.4989

■ 76.9362, 70.6923,
96.2030

■ 19.2374, 16.2766,
25.2952

■ 100.3219, 93.2656,
124.5306

■ 11.9470, 9.7201,
16.0761

128.0227,
120.1955, 157.9354

■ 6.7795, 5.2138,
9.4231

160.4040,
151.8663, 196.8361

■ 3.3697, 2.3732,
4.9176

197.8311,
188.6624, 241.6512

■ 1.3522, 0.8121,
2.1411

240.6694,

■ 0.2217, 0.0000,

230.9683, 292.7993

0.6401

289.2843,
279.1683, 350.6988

■ 0.0000, 0.0000,
0.0000

■ 41.6487, 37.0777,
53.1057

■ 41.6487, 37.0777,
53.1057

■ 38.7548, 31.3760,
51.8741

■ 45.0390, 43.7707,
54.5046

■ 36.3304, 26.6137,
50.7995

■ 48.9443, 51.4939,
56.0756

■ 34.3514, 22.7418,
49.8743

■ 53.3862, 60.2901,
57.8264

■ 32.7899, 19.7046,
49.0891

■ 58.3843, 70.1983,
59.7635

■ 31.6150, 17.4404,
48.4338

■ 63.9570, 81.2555,
61.8931

■ 30.7917, 15.8789,
47.8965

■ 66.5101, 86.2731,
63.0171

■ 30.2783, 14.9371,
47.4635

■ 66.5656, 86.2953,
63.3095

■ 29.9925, 14.4501,
47.1073

■ 66.6213, 86.3176,
63.6028

■ 29.9924, 14.4501,
47.1073

■ 66.6772, 86.3400,
63.8972

Harmonies

Analogous

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



38.5599, 37.0777, 62.1158



41.6487, 37.0777, 53.1057



43.0186, 37.0777, 41.7547

Triad

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



41.6487, 37.0777, 53.1057



35.7210, 37.0777, 22.9317



29.1047, 37.0777, 50.3119

Complementary

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



41.6487, 37.0777, 53.1057



37.1135, 45.8033, 37.0237

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.



28.4627, 37.0777, 39.0189



41.6487, 37.0777, 53.1057



32.1187, 37.0777, 24.4054

Square

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



41.6487, 37.0777, 53.1057



39.4450, 37.0777, 25.3964



29.5272, 37.0777, 29.8551



31.3473, 37.0777, 60.3106

Rectangle

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



41.6487, 37.0777, 53.1057



42.7054, 37.0777, 34.8153



29.5272, 37.0777, 29.8551



28.7018, 37.0777, 46.4890

Sweetspot

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



41.6498, 37.0793, 53.1065



84.2637, 84.5509, 99.8416



33.5919, 32.9127, 53.2981



18.4028, 18.3675, 21.8837



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6498, 37.0793, 53.1065



73.0635, 62.4391, 95.2189



39.7551, 36.3214, 43.1291



9.9188, 9.6918, 11.9615



19.9478, 9.6103, 31.3486



0.7848, 0.3778, 1.2461

Inverse Universe

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



41.6498, 37.0793, 53.1065



73.0635, 62.4391, 95.2189



38.7749, 46.4678, 45.7722



9.9188, 9.6918, 11.9615



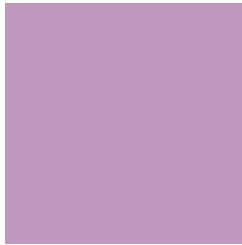
19.9478, 9.6103, 31.3486



0.7848, 0.3778, 1.2461

Previews

White Background



This preview shows how the XYZ color 41.6487, 37.0777, 53.1057 looks on a white background.

Color Contrast Check

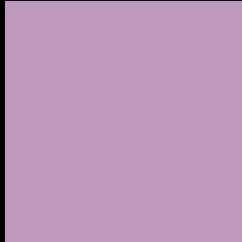
Large Text (above 18pt) WCAG AA × Fail

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 41.6487, 37.0777, 53.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

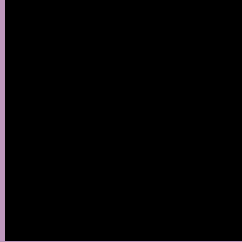
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6487, 37.0777, 53.1057

Background



This preview shows how black text looks on a background with the XYZ color 41.6487, 37.0777, 53.1057.



This preview shows how white text looks on a background with the XYZ color 41.6487, 37.0777,

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

41.6487, 37.0777, 53.1057

Protanopia

36.9656, 37.3480, 57.4851

Deuteranopia

37.9026, 37.1645, 52.1895



Tritanopia

39.4499, 37.1689, 42.1409

Trichromacy



Original Color

41.6487, 37.0777, 53.1057

Protanomaly

38.3860, 37.0815, 55.5864

Deuteranomaly

39.2655, 37.0919, 52.6669

Tritanomaly

40.2969, 37.2686, 46.1440

Monochromacy



Original Color

41.6487, 37.0777, 53.1057

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6613, 38.2054, 46.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6487, 37.0777, 53.1057 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(190, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 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(190, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.6487, 37.0777, 53.1057 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(190, 152, 189) }
```


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

```
.border{ border-color:rgb(190, 152, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 152, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 152, 189); box-shadow:4px 4px 4px 4px rgb(190, 152, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6487, 37.0777, 53.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 189) }
```

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

```
.background{ background-color: rgb(190,  
152, 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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