

Converting Colors

XYZ(37.3484, 24.4087, 56.7757)

Have a look what the booklet for
XYZ(37.3484, 24.4087, 56.7757)
contains.

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Color

**XYZ(37.3484, 24.4087,
56.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	C461C7
RGB	196, 97, 199
RGB Percent	77%, 38%, 78%
CMY	0.2314, 0.6196, 0.2196
CMYK	0.02, 0.51, 0.00, 0.22
HSL	298°, 48%, 58%
HSV	298°, 51%, 78%
XYZ	37.3484, 24.4087, 56.7757
YIQ	138.2290, 26.2620, 52.7100

Conversions

Conversions Part 2

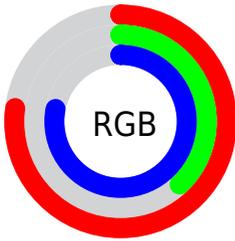
Format	Color
R_{YB}	196, 97, 199
Decimal	12870087
CIE _{Lab}	56.49, 53.75, -35.99
CIE _{LCh}	56, 64.683, 326.196
Yxy	24.4087, 0.3151, 0.2059
Android (android.graphics.Color)	4291060167 (0xFFC461C7)
YUV	138.2290, 29.9601, 50.6652
Hunter-Lab	49.4052, 48.4801, -33.5516

Details

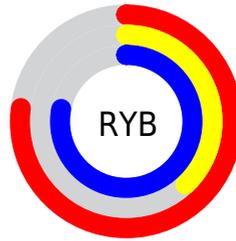
The XYZ color **37.3484, 24.4087, 56.7757** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.8375, 44.4199, 18.4172**, and the grayscale version is **24.1280, 25.3845, 27.6437**.

A 20% lighter version of the original color is **70.3566, 50.6132, 100.6689**, and **16.7540, 9.2757, 27.6954** is the 20% darker color. If you saturate the color by 10%, you get **35.5834, 21.1036, 56.2311**, and if you desaturate by 10%, it is **39.5769, 28.6386, 57.4750**.

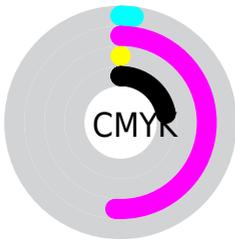
Distribution



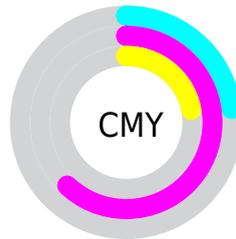
- Red (77%)
- Green (38%)
- Blue (78%)



- Red (77%)
- Yellow (38%)
- Blue (78%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3484, 24.4087, 56.7757 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 37.3484, 24.4087, 56.7757 by changing the saturation by 10% instead.

 37.3484, 24.4087,
56.7757

 37.3484, 24.4087,
56.7757

326.1458,
274.8803, 430.0785

 25.6523, 15.6371,
40.4170

 70.4187, 50.6963,
101.6349

 16.6950, 9.2677,
27.5476

 92.5235, 68.9811,
130.9725

 10.1112, 4.9162,
17.7488

 118.8286, 91.2057,
165.4735

 5.5356, 2.1982,
10.6022

 149.6994,
117.7546, 205.5565

 2.6028, 0.7190,
5.6893

185.5011,
149.0121, 251.6399

 0.9474, 0.0000,
2.5914

226.5992,

 0.0000, 0.0000,

185.3626, 304.1424

0.8880

273.3590,
227.1905, 363.4824

■ 0.0000, 0.0000,
0.0000

■ 37.3484, 24.4087,
56.7757

■ 37.3484, 24.4087,
56.7757

■ 35.5834, 21.1036,
56.2311

■ 39.5769, 28.6386,
57.4750

■ 34.2441, 18.6497,
55.8281

■ 42.2978, 33.8530,
58.3381

■ 33.2911, 16.9676,
55.5536

■ 45.5407, 40.1106,
59.3750

■ 32.6767, 15.9615,
55.3918

■ 49.3321, 47.4644,
60.5946

■ 32.3390, 15.4805,
55.3168

■ 53.6969, 55.9640,
62.0052

■ 58.6581, 65.6556,
63.6144

■ 64.2379, 76.5833,
65.4295

■ 70.0711, 88.0171,
67.3290

■ 70.2284, 88.0982,
67.3364

Harmonies

Analogous

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



30.1585, 24.4087, 83.4517



37.3484, 24.4087, 56.7757



40.7485, 24.4087, 29.4093

Triad

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



37.3484, 24.4087, 56.7757



24.1687, 24.4087, 3.0066



12.5249, 24.4087, 49.2691

Complementary

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



37.3484, 24.4087, 56.7757



27.8375, 44.4199, 18.4172

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.



11.5892, 24.4087, 23.9325



37.3484, 24.4087, 56.7757



17.4033, 24.4087, 4.0847

Square

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



37.3484, 24.4087, 56.7757



32.1736, 24.4087, 4.9215



13.1694, 24.4087, 9.5964



16.0720, 24.4087, 77.7187

Rectangle

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



37.3484, 24.4087, 56.7757



39.9674, 24.4087, 16.6496



13.1694, 24.4087, 9.5964



11.9325, 24.4087, 39.8267

Sweetspot

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



37.3493, 24.4098, 56.7762



83.6258, 77.7642, 105.2102



19.8353, 15.8574, 56.0485



17.5957, 16.0557, 22.4216



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.



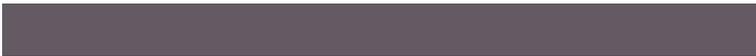
37.3493, 24.4098, 56.7762



61.8655, 36.1397, 98.3227



33.4472, 22.9400, 32.1149



11.0511, 10.8001, 13.4197



20.8083, 9.9613, 35.5704



0.9952, 0.4768, 1.6847

Inverse Universe

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



30.1290, 21.6127, 14.6415



47.8814, 30.7413, 15.8636



30.4341, 45.4209, 33.7909



10.6463, 10.6419, 11.1207



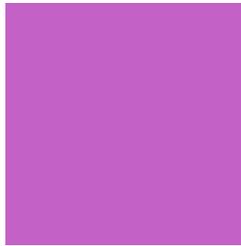
15.1715, 7.8182, 0.8473



0.7229, 0.3720, 0.0639

Previews

White Background



This preview shows how the XYZ color 37.3484, 24.4087, 56.7757 looks on a white background.

Color Contrast Check

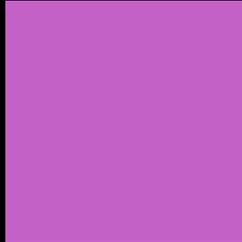
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3484, 24.4087, 56.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

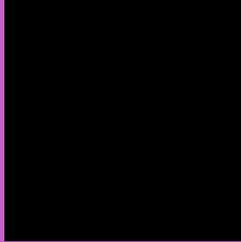
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.3484, 24.4087, 56.7757

Background



This preview shows how black text looks on a background with the XYZ color 37.3484, 24.4087, 56.7757.



This preview shows how white text looks on a background with the XYZ color 37.3484, 24.4087,

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

37.3484, 24.4087, 56.7757

Protanopia

27.3898, 24.9211, 78.2296

Deuteranopia

25.1098, 24.5008, 53.2749



Tritanopia

30.2623, 24.2815, 22.1606

Trichromacy



Original Color

37.3484, 24.4087, 56.7757



Protanomaly

29.0184, 23.4529, 70.0153



Deuteranomaly

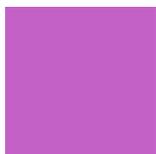
28.1893, 23.5442, 54.6885



Tritanomaly

32.1837, 23.9066, 32.1963

Monochromacy



Original Color

37.3484, 24.4087, 56.7757



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.7262, 24.0749, 36.4433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3484, 24.4087, 56.7757 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(196, 97, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 97, 199)  
}
```

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(196, 97, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 97, 199) }
```

Border

The CSS property to change the border of an element to XYZ 37.3484, 24.4087, 56.7757 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(196, 97, 199) }
```

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

```
.border{ border-color:rgb(196, 97, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 97, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 97, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 97, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 97,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3484, 24.4087, 56.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 97, 199) }
```

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

```
.background{ background-color: rgb(196, 97,  
199) }
```

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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