

Converting Colors

XYZ(37.5232, 22.6256, 51.6797)

Have a look what the booklet for
XYZ(37.5232, 22.6256, 51.6797)
contains.

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Color

**XYZ(37.5232, 22.6256,
51.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	CD51BF
RGB	205, 81, 191
RGB Percent	80%, 32%, 75%
CMY	0.1961, 0.6823, 0.2510
CMYK	0.00, 0.60, 0.07, 0.20
HSL	307°, 55%, 56%
HSV	307°, 60%, 80%
XYZ	37.5232, 22.6256, 51.6797
YIQ	130.6160, 38.5940, 60.4980

Conversions

Conversions Part 2

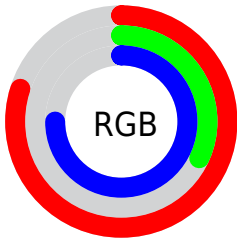
Format	Color
R_{YB}	205, 81, 191
Decimal	13455807
CIE _{Lab}	54.68, 62.12, -34.14
CIE _{LCh}	55, 70.883, 331.208
Yxy	22.6256, 0.3355, 0.2023
Android (android.graphics.Color)	4291645887 (0xFFCD51BF)
YUV	130.6160, 29.7693, 65.2348
Hunter-Lab	47.5664, 57.5703, -31.1207

Details

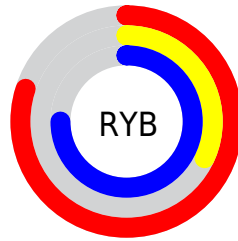
The XYZ color **37.5232, 22.6256, 51.6797** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **27.2913, 46.2390, 18.3147**, and the grayscale version is **21.3255, 22.4361, 24.4329**.

A 20% lighter version of the original color is **67.1289, 45.9286, 94.1340**, and **16.8720, 8.3899, 24.3971** is the 20% darker color. If you saturate the color by 10%, you get **35.9708, 19.9248, 49.9155**, and if you desaturate by 10%, it is **39.5409, 26.2496, 53.6193**.

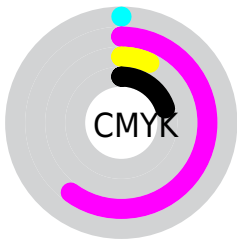
Distribution



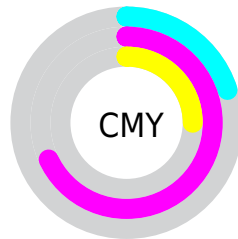
- Red (80%)
- Green (32%)
- Blue (75%)



- Red (80%)
- Yellow (32%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5232, 22.6256, 51.6797 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 37.5232, 22.6256, 51.6797 by changing the saturation by 10% instead.

 37.5232, 22.6256,
51.6797


 37.5232, 22.6256,
51.6797

326.8865,
265.7961, 410.1205


 25.7884, 14.3173,
36.3694


 70.6854, 47.7778,
94.0805


 16.7972, 8.3417,
24.4276


 92.8434, 65.3905,
122.0080

 10.1844, 4.3144,
15.4360


 119.2066, 86.8735,
154.9782

 5.5846, 1.8509,
8.9760

 150.1402,
112.6112, 193.4099

 2.6324, 0.5186,
4.6289

186.0096,
142.9878, 237.7214

 0.9625, 0.0000,
1.9763

227.1803,

 0.0000, 0.0000,

178.3880, 288.3313

0.5407

274.0174,
219.1959, 345.6582

■ 0.0000, 0.0000,
0.0000

■ 37.5232, 22.6256,
51.6797

■ 37.5232, 22.6256,
51.6797

■ 35.9708, 19.9248,
49.9155

■ 39.5409, 26.2496,
53.6193

■ 34.8385, 18.0582,
48.3109

■ 42.0591, 30.8686,
55.7454

■ 34.0762, 16.9254,
46.8493

■ 45.1123, 36.5510,
58.0699

■ 33.6055, 16.3506,
45.5617

■ 48.7311, 43.3583,
60.6031

■ 52.9440, 51.3471,
63.3546

■ 57.7775, 60.5706,
66.3332

■ 63.2565, 71.0784,
69.5474

■ 69.4045, 82.9174,
73.0050

■ 72.7996, 89.2443,
75.5656

Harmonies

Analogous

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



30.2574, 22.6256, 82.7231



37.5232, 22.6256, 51.6797



40.2722, 22.6256, 23.7400

Triad

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



37.5232, 22.6256, 51.6797



21.1900, 22.6256, 1.8057



11.0525, 22.6256, 54.2957

Complementary

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



37.5232, 22.6256, 51.6797



27.2913, 46.2390, 18.3147

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.



9.7186, 22.6256, 25.5531



37.5232, 22.6256, 51.6797



14.6276, 22.6256, 3.1266

Square

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



37.5232, 22.6256, 51.6797



29.5742, 22.6256, 2.9032



10.8507, 22.6256, 9.1902



15.0558, 22.6256, 84.7726

Rectangle

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



37.5232, 22.6256, 51.6797



38.7523, 22.6256, 12.1273



10.8507, 22.6256, 9.1902



10.3276, 22.6256, 43.6877

Sweetspot

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



37.5240, 22.6267, 51.6802



81.2917, 73.8007, 100.2528



18.5178, 12.6420, 59.2223



16.9908, 15.0234, 21.1836



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.



37.5240, 22.6267, 51.6802



58.2076, 31.4373, 80.8282



32.1899, 20.4930, 23.5913



11.6309, 11.3811, 13.8567



20.9427, 10.1877, 28.4808



1.0963, 0.5319, 1.5531

Inverse Universe

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



37.5240, 22.6267, 51.6802



58.2076, 31.4373, 80.8282



31.1757, 47.7928, 38.7699



11.6309, 11.3811, 13.8567



20.9427, 10.1877, 28.4808



1.0963, 0.5319, 1.5531

Previews

White Background



This preview shows how the XYZ color 37.5232, 22.6256, 51.6797 looks on a white background.

Color Contrast Check

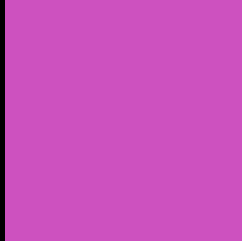
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5232, 22.6256, 51.6797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

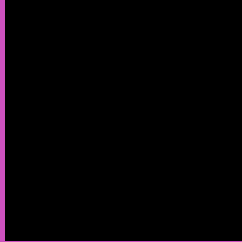
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5232, 22.6256, 51.6797

Background



This preview shows how black text looks on a background with the XYZ color 37.5232, 22.6256, 51.6797.



This preview shows how white text looks on a background with the XYZ color 37.5232, 22.6256,

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

37.5232, 22.6256, 51.6797

Protanopia

25.9408, 23.1494, 79.4450

Deuteranopia

23.4693, 22.9616, 47.9948



Tritanopia

30.4297, 22.5620, 17.5029

Trichromacy



Original Color

37.5232, 22.6256, 51.6797



Protanomaly

27.1109, 20.9678, 68.2639



Deuteranomaly

26.6897, 21.3366, 49.1660



Tritanomaly

32.3056, 22.1906, 27.0066

Monochromacy



Original Color

37.5232, 22.6256, 51.6797



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

25.7554, 21.3793, 32.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5232, 22.6256, 51.6797 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(205, 81, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 81, 191)  
}
```

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(205, 81, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 81, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.5232, 22.6256, 51.6797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

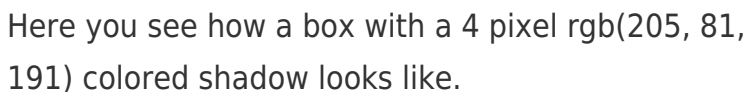
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 81, 191) }
```


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

```
.border{ border-color:rgb(205, 81, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 81, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 81, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 81, 191); box-shadow:4px 4px 4px 4px rgb(205, 81, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5232, 22.6256, 51.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 81, 191) }
```

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

```
.background{ background-color: rgb(205, 81,  
191) }
```

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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