

Converting Colors

XYZ(22.0897, 15.0070, 13.4635)

Have a look what the booklet for
XYZ(22.0897, 15.0070, 13.4635)
contains.

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Color

**XYZ(22.0702, 14.9540,
13.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4C63
RGB	173, 76, 99
RGB Percent	68%, 30%, 39%
CMY	0.3216, 0.7019, 0.6118
CMYK	0.00, 0.56, 0.43, 0.32
HSL	346°, 39%, 49%
HSV	346°, 56%, 68%
XYZ	22.0702, 14.9540, 13.5276
YIQ	107.6250, 50.4290, 27.7170

Conversions

Conversions Part 2

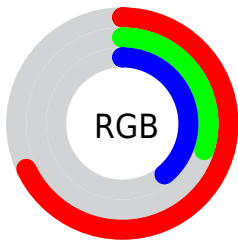
Format	Color
RYB	173, 76, 99
Decimal	11357283
CIELab	45.57, 41.93, 6.36
CIElCh	46, 42.408, 8.626
Yxy	14.9540, 0.4366, 0.2958
Android (android.graphics.Color)	4289547363 (0xFFAD4C63)
YUV	107.6250, -4.2521, 57.3339
Hunter-Lab	38.6704, 34.2014, 6.3286

Details

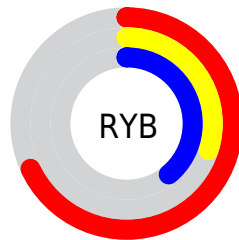
The XYZ color **22.0702, 14.9540, 13.5276** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.4300, 33.6261, 34.1119**, and the grayscale version is **14.1511, 14.8881, 16.2131**.

A 20% lighter version of the original color is **46.1792, 34.6293, 33.1044**, and **8.2656, 4.6128, 3.8229** is the 20% darker color. If you saturate the color by 10%, you get **20.4542, 12.6507, 10.1261**, and if you desaturate by 10%, it is **24.1106, 17.9410, 17.5797**.

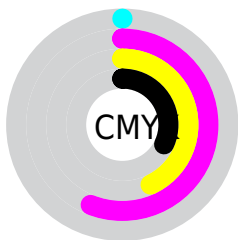
Distribution



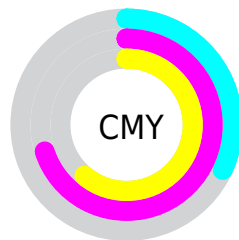
- Red (68%)
- Green (30%)
- Blue (39%)



- Red (68%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (56%)
- Yellow (43%)
- Black (32%)



- Cyan (32%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0702, 14.9540, 13.5276 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 22.0702, 14.9540, 13.5276 by changing the saturation by 10% instead.

■ 22.0702, 14.9540,
13.5276

■ 22.0702, 14.9540,
13.5276

255.5381,
223.0876, 225.5972

■ 14.0254, 8.7871,
7.6579

■ 46.3400, 34.7725,
32.9534

■ 8.2201, 4.6026,
3.7922

■ 63.2957, 49.1928,
47.3466

■ 4.2891, 2.0160,
1.5121

■ 83.9523, 67.1331,
65.4180

■ 1.8670, 0.6168,
0.2269

■ 108.6754, 88.9778,
87.5861

■ 0.5575, 0.0000,
0.0000

■ 137.8301,
115.1111, 114.2696

■ 0.0000, 0.0000,
0.0000

171.7819,

145.9177, 145.8869

210.8961,
181.7817, 182.8566

■ 22.0702, 14.9540,
13.5276

■ 22.0702, 14.9540,
13.5276

■ 20.4542, 12.6507,
10.1261

■ 24.1106, 17.9410,
17.5797

■ 19.2301, 10.9741,
7.3393

■ 26.6023, 21.6581,
22.3139

■ 18.3624, 9.8619,
5.1287

■ 29.5712, 26.1503,
27.7607

■ 17.8047, 9.2309,
3.4495

■ 33.0412, 31.4583,
33.9485

■ 17.6341, 9.0444,
2.9154

■ 37.0342, 37.6198,
40.9038

■ 41.5709, 44.6705,
48.6520

■ 46.6709, 52.6436,
57.2175

■ 52.3529, 61.5710,
66.6233

■ 58.6346, 71.4828,
76.8916

Harmonies

Analogous

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



21.5493, 14.9540, 24.4801



22.0702, 14.9540, 13.5276



20.2286, 14.9540, 6.8865

Triad

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



22.0702, 14.9540, 13.5276



10.3702, 14.9540, 5.3004



11.8719, 14.9540, 42.0520

Complementary

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



22.0702, 14.9540, 13.5276



23.4300, 33.6261, 34.1119

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.



9.5271, 14.9540, 31.7534



22.0702, 14.9540, 13.5276



8.7657, 14.9540, 10.1556

Square

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



22.0702, 14.9540, 13.5276



13.2157, 14.9540, 3.6063



8.4850, 14.9540, 19.3878



15.2599, 14.9540, 44.1986

Rectangle

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



22.0702, 14.9540, 13.5276



18.0640, 14.9540, 4.6583



8.4850, 14.9540, 19.3878



10.9529, 14.9540, 39.2713

Sweetspot

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



22.0706, 14.9548, 13.5279



58.3605, 55.0889, 59.3627



22.4768, 14.5530, 41.1595



12.4127, 11.5575, 12.4221



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.0706, 14.9548, 13.5279



36.1148, 21.9350, 16.9956



23.1199, 18.5693, 9.2042



8.0802, 8.0453, 8.7330



12.9740, 6.6522, 2.2428



0.3820, 0.1935, 0.1735

Inverse Universe

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



22.0706, 14.9548, 13.5279



36.1148, 21.9350, 16.9956



21.2319, 25.9702, 43.4289



8.0802, 8.0453, 8.7330



12.9740, 6.6522, 2.2428



0.3820, 0.1935, 0.1735

Previews

White Background



This preview shows how the XYZ color 22.0702, 14.9540, 13.5276 looks on a white background.

Color Contrast Check

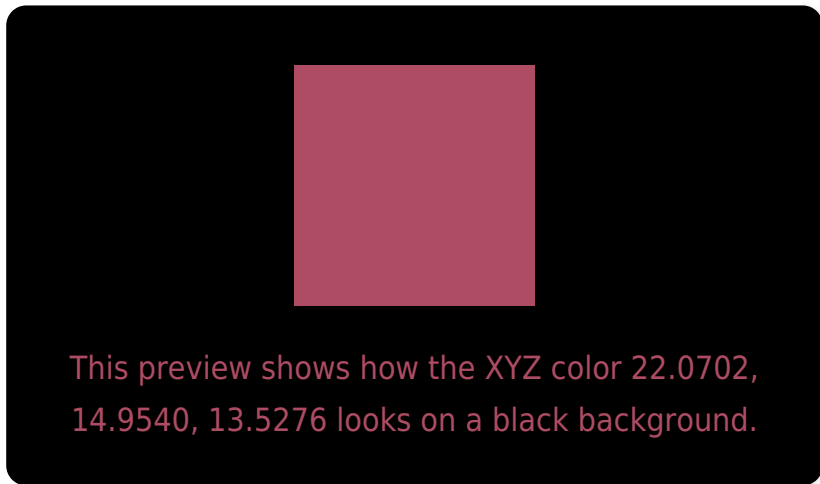
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 22.0702, 14.9540, 13.5276

Background



This preview shows how black text looks on a background with the XYZ color 22.0702, 14.9540, 13.5276.



This preview shows how white text looks on a background with the XYZ color 22.0702, 14.9540,

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

22.0702, 14.9540, 13.5276

Protanopia

14.7578, 15.1976, 18.9852

Deuteranopia

15.3281, 15.0119, 12.9162



Tritanopia

21.4095, 15.0027, 10.1549

Trichromacy



Original Color

22.0702, 14.9540, 13.5276

Protanomaly

16.5131, 14.3971, 16.6604

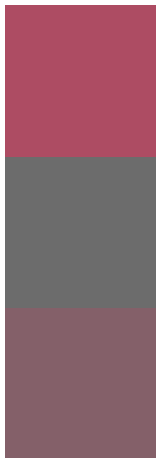
Deuteranomaly

17.2694, 14.6007, 12.9744

Tritanomaly

21.5408, 14.9407, 11.1997

Monochromacy



Original Color

22.0702, 14.9540, 13.5276

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.2484, 14.2912, 15.2667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0702, 14.9540, 13.5276 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(173, 76, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 76, 99)  
}
```

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(173, 76, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 76, 99) }
```

Border

The CSS property to change the border of an element to XYZ 22.0702, 14.9540, 13.5276 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(173, 76, 99) }
```


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

```
.border{ border-color:rgb(173, 76, 99) }
```

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

Here you see how a box with a 4 pixel rgb(173, 76, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 76, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 76, 99);  
box-shadow:4px 4px 4px 4px rgb(173, 76,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0702, 14.9540, 13.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 76, 99) }
```

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

```
.background{ background-color: rgb(173, 76,  
99) }
```

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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