

Converting Colors

XYZ(34.3304, 22.1137, 54.0887)

Have a look what the booklet for
XYZ(34.3304, 22.1137, 54.0887)
contains.

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Color

**XYZ(34.3304, 22.1137,
54.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5BC3
RGB	188, 91, 195
RGB Percent	74%, 36%, 76%
CMY	0.2627, 0.6431, 0.2353
CMYK	0.04, 0.53, 0.00, 0.24
HSL	296°, 46%, 56%
HSV	296°, 53%, 76%
XYZ	34.3304, 22.1137, 54.0887
YIQ	131.8590, 24.4280, 52.9080

Conversions

Conversions Part 2

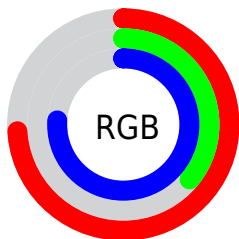
Format	Color
RYB	188, 91, 195
Decimal	12344259
CIELab	54.15, 53.72, -37.45
CIELCh	54, 65.489, 325.118
Yxy	22.1137, 0.3106, 0.2001
Android (android.graphics.Color)	4290534339 (0xFFBC5BC3)
YUV	131.8590, 31.1285, 49.2357
Hunter-Lab	47.0252, 48.0185, -35.2781

Details

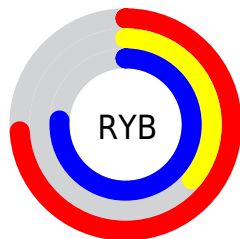
The XYZ color **34.3304, 22.1137, 54.0887** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **26.4412, 42.3828, 16.6857**, and the grayscale version is **21.7676, 22.9012, 24.9394**.

A 20% lighter version of the original color is **65.7021, 46.8719, 97.6798**, and **14.9543, 8.0904, 25.9727** is the 20% darker color. If you saturate the color by 10%, you get **32.5533, 19.0367, 53.5888**, and if you desaturate by 10%, it is **36.5451, 26.0603, 54.7341**.

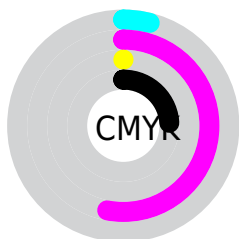
Distribution



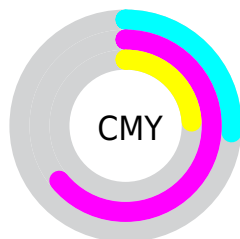
- Red (74%)
- Green (36%)
- Blue (76%)



- Red (74%)
- Yellow (36%)
- Blue (76%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3304, 22.1137, 54.0887 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 34.3304, 22.1137, 54.0887 by changing the saturation by 10% instead.

■ 34.3304, 22.1137,
54.0887

■ 34.3304, 22.1137,
54.0887

313.1628,
263.1395, 419.6323

■ 23.3116, 13.9405,
38.2789

■ 65.7880, 46.9338,
97.6622

■ 14.9457, 8.0793,
25.8957

■ 86.9576, 64.3496,
126.2630

■ 8.8674, 4.1457,
16.5206

■ 112.2415, 85.6149,
159.9645

■ 4.7112, 1.7554,
9.7349

■ 142.0050,
111.1142, 199.1853

■ 2.1118, 0.4591,
5.1203

176.6135,
141.2319, 244.3440

■ 0.6956, 0.0000,
2.2580

216.4325,

■ 0.0000, 0.0000,

176.3524, 295.8590

0.7076

261.8271,
216.8602, 354.1490

■ 0.0000, 0.0000,
0.0000

■ 34.3304, 22.1137,
54.0887

■ 34.3304, 22.1137,
54.0887

■ 32.5533, 19.0367,
53.5888

■ 36.5451, 26.0603,
54.7341

■ 31.1771, 16.7577,
53.2214

■ 39.2256, 30.9347,
55.5336

■ 30.1630, 15.1988,
52.9740

■ 42.4006, 36.7937,
56.4972

■ 29.4637, 14.2649,
52.8306

■ 46.0957, 43.6885,
57.6333

■ 29.1125, 13.8701,
52.7729

■ 50.3347, 51.6669,
58.9498

■ 55.1402, 60.7736,
60.4543

■ 60.5332, 71.0509,
62.1538

■ 66.5337, 82.5389,
64.0550

■ 69.3799, 87.7138,
64.9038

Harmonies

Analogous

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



27.3650, 22.1137, 79.6936



34.3304, 22.1137, 54.0887



37.7741, 22.1137, 27.5627

Triad

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



34.3304, 22.1137, 54.0887



22.2023, 22.1137, 2.3510



10.9191, 22.1137, 44.7895

Complementary

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



34.3304, 22.1137, 54.0887



26.4412, 42.3828, 16.6857

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.



10.1360, 22.1137, 20.9002



34.3304, 22.1137, 54.0887



15.7378, 22.1137, 3.1888

Square

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



34.3304, 22.1137, 54.0887



29.8363, 22.1137, 4.1342



11.6876, 22.1137, 7.9212



14.1354, 22.1137, 72.5267

Rectangle

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



34.3304, 22.1137, 54.0887



37.1521, 22.1137, 15.2499



11.6876, 22.1137, 7.9212



10.3985, 22.1137, 35.7874

Sweetspot

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



34.3312, 22.1147, 54.0892



80.5282, 74.4472, 102.5952



18.6910, 15.2160, 53.5819



17.3260, 15.7264, 22.3723



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.



34.3312, 22.1147, 54.0892



57.8456, 33.3211, 95.8526



31.8877, 21.3414, 32.0025



10.4282, 10.2119, 12.7063



18.9500, 9.0295, 34.3007



0.8393, 0.4007, 1.4830

Inverse Universe

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



28.4521, 19.9671, 13.9108



46.4253, 29.1961, 15.6956



28.1567, 42.9855, 29.4905



10.1001, 10.0886, 10.6176



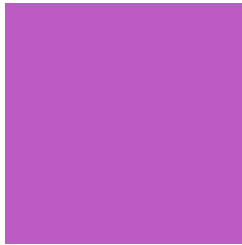
14.6868, 7.5645, 0.9970



0.6442, 0.3307, 0.0939

Previews

White Background



This preview shows how the XYZ color 34.3304, 22.1137, 54.0887 looks on a white background.

Color Contrast Check

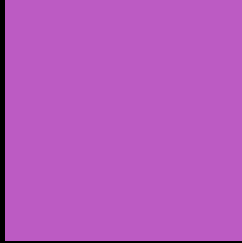
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3304, 22.1137, 54.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

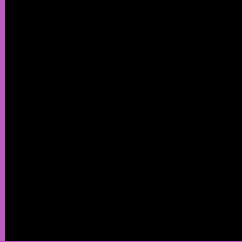
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3304, 22.1137, 54.0887

Background



This preview shows how black text looks on a background with the XYZ color 34.3304, 22.1137, 54.0887.



This preview shows how white text looks on a background with the XYZ color 34.3304, 22.1137,

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

34.3304, 22.1137, 54.0887

Protanopia

25.2008, 22.6561, 75.7179

Deuteranopia

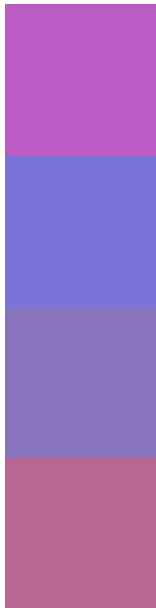
22.8712, 22.3955, 50.6943



Tritanopia

27.2658, 21.9487, 20.2522

Trichromacy



Original Color

34.3304, 22.1137, 54.0887

Protanomaly

26.3091, 21.0785, 66.9719

Deuteranomaly

25.6880, 21.2573, 52.0394

Tritanomaly

29.4081, 21.7522, 30.2524

Monochromacy



Original Color

34.3304, 22.1137, 54.0887

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.2266, 21.7645, 33.8817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3304, 22.1137, 54.0887 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(188, 91, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 91, 195)  
}
```

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(188, 91, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 91, 195) }
```

Border

The CSS property to change the border of an element to XYZ 34.3304, 22.1137, 54.0887 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(188, 91, 195) }
```


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

```
.border{ border-color:rgb(188, 91, 195) }
```

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

Here you see how a box with a 4 pixel rgb(188, 91, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 91, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 91, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 91,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3304, 22.1137, 54.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 91, 195) }
```

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

```
.background{ background-color: rgb(188, 91,  
195) }
```

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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