

Converting Colors

XYZ(34.2448, 22.3237, 32.6410)

Have a look what the booklet for
XYZ(34.2448, 22.3237, 32.6410)
contains.

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Color

**XYZ(34.2240, 22.2820,
32.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5999
RGB	204, 89, 153
RGB Percent	80%, 35%, 60%
CMY	0.2000, 0.6510, 0.4000
CMYK	0.00, 0.56, 0.25, 0.20
HSL	327°, 53%, 57%
HSV	327°, 56%, 80%
XYZ	34.2240, 22.2820, 32.6341
YIQ	130.6810, 47.9960, 44.2840

Conversions

Conversions Part 2

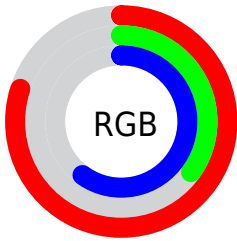
Format	Color
R_{YB}	204, 89, 153
Decimal	13392281
CIE _{Lab}	54.32, 52.59, -12.59
CIE _{LCh}	54, 54.076, 346.532
Yxy	22.2820, 0.3839, 0.2500
Android (android.graphics.Color)	4291582361 (0xFFCC5999)
YUV	130.6810, 11.0033, 64.3008
Hunter-Lab	47.2038, 46.8105, -7.9472

Details

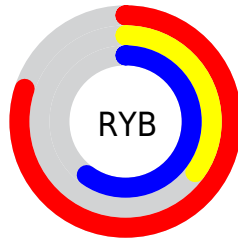
The XYZ color **34.2240, 22.2820, 32.6341** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.4474, 47.2037, 32.3196**, and the grayscale version is **21.4106, 22.5256, 24.5304**.

A 20% lighter version of the original color is **62.3249, 45.4099, 64.5116**, and **14.9474, 8.1954, 13.3644** is the 20% darker color. If you saturate the color by 10%, you get **32.0364, 19.0575, 28.3568**, and if you desaturate by 10%, it is **36.9399, 26.4719, 37.3675**.

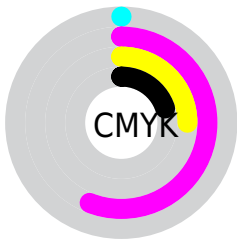
Distribution



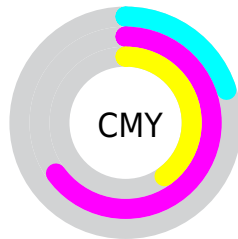
- Red (80%)
- Green (35%)
- Blue (60%)



- Red (80%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2240, 22.2820, 32.6341 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 34.2240, 22.2820, 32.6341 by changing the saturation by 10% instead.

 34.2240, 22.2820,
32.6341


 34.2240, 22.2820,
32.6341


312.6981,
264.0154, 328.5790


 23.2294, 14.0643,
21.5775


 65.6238, 47.2116,
64.9133


 14.8846, 8.1654,
13.3514


 86.7598, 64.6923,
86.9729

 8.8243, 4.2009,
7.5374


 112.0070, 86.0295,
113.5372

 4.6829, 1.7866,
3.7169

 141.7307,
111.6074, 145.0249

 2.0953, 0.4788,
1.4714

176.2963,
141.8106, 181.8543

 0.6866, 0.0000,
0.1965

216.0692,

 0.0000, 0.0000,

177.0234, 224.4441

0.0000

261.4146,
217.6302, 273.2129

■ 34.2240, 22.2820,
32.6341

■ 34.2240, 22.2820,
32.6341

■ 32.0364, 19.0575,
28.3568

■ 36.9399, 26.4719,
37.3675

■ 30.3339, 16.7148,
24.5145

■ 40.2186, 31.6951,
42.5738

■ 29.0694, 15.1615,
21.0852

■ 44.0940, 38.0171,
48.2703

■ 28.1821, 14.2781,
18.0421

■ 48.5966, 45.4971,
54.4729

■ 27.9124, 14.0416,
17.0179

■ 53.7546, 54.1899,
61.1964

■ 59.5946, 64.1470,
68.4549

■ 66.1418, 75.4167,
76.2620

■ 73.4197, 88.0449,
84.6307

■ 75.5747, 90.3225,
91.6147

Harmonies

Analogous

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



30.5154, 22.2820, 54.1453



34.2240, 22.2820, 32.6341



34.0085, 22.2820, 16.1472

Triad

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



34.2240, 22.2820, 32.6341



18.1141, 22.2820, 4.5511



14.2987, 22.2820, 56.2683

Complementary

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



34.2240, 22.2820, 32.6341



30.4474, 47.2037, 32.3196

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.



12.0649, 22.2820, 34.7198



34.2240, 22.2820, 32.6341



13.9714, 22.2820, 8.0808

Square

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



34.2240, 22.2820, 32.6341



23.9294, 22.2820, 4.4055



11.9574, 22.2820, 17.4591



18.6467, 22.2820, 71.5010

Rectangle

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



34.2240, 22.2820, 32.6341



31.6538, 22.2820, 9.6143



11.9574, 22.2820, 17.4591



13.3140, 22.2820, 49.1682

Sweetspot

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



34.2247, 22.2831, 32.6345



79.8036, 74.2152, 89.3040



25.0923, 16.9803, 59.0821



16.7419, 15.3187, 18.6557



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.



34.2247, 22.2831, 32.6345



52.2729, 30.4527, 45.2937



30.6173, 20.8401, 13.6381



11.4693, 11.3164, 13.0059



17.6158, 8.8569, 10.9615



0.9466, 0.4720, 0.7647

Inverse Universe

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



34.2247, 22.2831, 32.6345



52.2729, 30.4527, 45.2937



35.7153, 49.3109, 60.0598



11.4693, 11.3164, 13.0059



17.6158, 8.8569, 10.9615



0.9466, 0.4720, 0.7647

Previews

White Background



This preview shows how the XYZ color 34.2240, 22.2820, 32.6341 looks on a white background.

Color Contrast Check

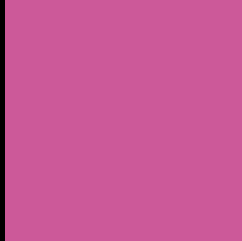
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2240, 22.2820, 32.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

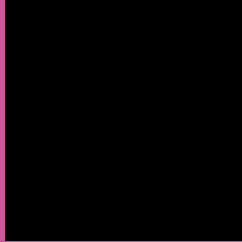
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2240, 22.2820, 32.6341

Background



This preview shows how black text looks on a background with the XYZ color 34.2240, 22.2820, 32.6341.



This preview shows how white text looks on a background with the XYZ color 34.2240, 22.2820,

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

34.2240, 22.2820, 32.6341

Protanopia

23.2610, 22.6815, 46.8681

Deuteranopia

22.8475, 22.4362, 30.7302



Tritanopia

30.8828, 22.2436, 16.3014

Trichromacy



Original Color

34.2240, 22.2820, 32.6341

Protanomaly

25.4006, 21.1779, 41.2771

Deuteranomaly

25.8271, 21.4538, 31.2135

Tritanomaly

31.7548, 22.0320, 21.3178

Monochromacy



Original Color

34.2240, 22.2820, 32.6341

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.0061, 21.6240, 27.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2240, 22.2820, 32.6341 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(204, 89, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 89, 153)  
}
```

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(204, 89, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 89, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.2240, 22.2820, 32.6341 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(204, 89, 153) }
```


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

```
.border{ border-color:rgb(204, 89, 153) }
```

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

Here you see how a box with a 4 pixel rgb(204, 89, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 89, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 89, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 89,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2240, 22.2820, 32.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 89, 153) }
```

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

```
.background{ background-color: rgb(204, 89,  
153) }
```

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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