

Converting Colors

XYZ(35.6311, 22.9288, 36.9129)

Have a look what the booklet for
XYZ(35.6311, 22.9288, 36.9129)
contains.

| | |
|--|----|
| XYZ(35.5476, 22.8752, 36.7242) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(35.5476, 22.8752,
36.7242)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE59A2 |
| RGB | 206, 89, 162 |
| RGB Percent | 81%, 35%, 64% |
| CMY | 0.1922, 0.6510, 0.3647 |
| CMYK | 0.00, 0.57, 0.21, 0.19 |
| HSL | 323°, 54%, 58% |
| HSV | 323°, 57%, 81% |
| XYZ | 35.5476, 22.8752, 36.7242 |
| YIQ | 132.3050, 46.2990, 47.5070 |

Conversions

Conversions Part 2

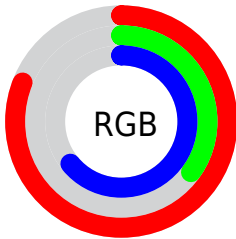
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 206, 89, 162 |
| Decimal | 13523362 |
| CIE Lab | 54.94, 54.45, -16.90 |
| CIE LCh | 55, 57.013, 342.756 |
| Yxy | 22.8752, 0.3736, 0.2404 |
| Android (android.graphics.Color) | 4291713442 (0xFFCE59A2) |
| YUV | 132.3050, 14.6396, 64.6305 |
| Hunter-Lab | 47.8280, 48.9689, -12.0455 |

Details

The XYZ color **35.5476, 22.8752, 36.7242** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **30.4259, 47.9607, 29.8463**, and the grayscale version is **21.9801, 23.1248, 25.1829**.

A 20% lighter version of the original color is **63.7376, 46.2163, 71.2069**, and **15.6989, 8.4953, 15.5642** is the 20% darker color. If you saturate the color by 10%, you get **33.3994, 19.6470, 32.7144**, and if you desaturate by 10%, it is **38.2192, 27.0817, 41.1182**.

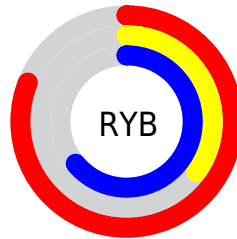
Distribution



Red (81%)

Green (35%)

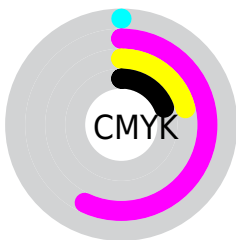
Blue (64%)



Red (81%)

Yellow (35%)

Blue (64%)

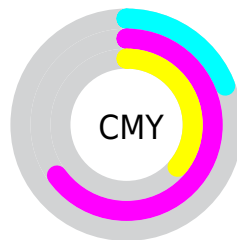


Cyan (0%)

Magenta (57%)

Yellow (21%)

Black (19%)



Cyan (19%)


Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5476, 22.8752, 36.7242 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 35.5476, 22.8752, 36.7242 by changing the saturation by 10% instead.

 35.5476, 22.8752,
36.7242

 35.5476, 22.8752,
36.7242


318.4447,
267.0833, 347.2476


 24.2535, 14.5014,
24.6999


 67.6617, 48.1883,
71.3300


 15.6475, 8.4702,
15.6366


 89.2123, 65.8964,
94.7486

 9.3643, 4.3973,
9.1158


 114.9126, 87.4847,
122.8023

 5.0386, 1.8982,
4.7190

 145.1277,
113.3377, 155.9098

 2.3049, 0.5473,
2.0275

180.2232,
143.8396, 194.4895

 0.7972, 0.0000,
0.5721

220.5642,

 0.0000, 0.0000,

179.3749, 238.9600

0.0000

266.5163,
220.3280, 289.7399

■ 35.5476, 22.8752,
36.7242

■ 35.5476, 22.8752,
36.7242

■ 33.3994, 19.6470,
32.7144

■ 38.2192, 27.0817,
41.1182

■ 31.7306, 17.3111,
29.0698

■ 41.4492, 32.3362,
45.9112

■ 30.4930, 15.7723,
25.7708

■ 45.2719, 38.7059,
51.1183

■ 29.6230, 14.9043,
22.7921

■ 49.7181, 46.2513,
56.7533

■ 29.3848, 14.6943,
21.8918

■ 54.8166, 55.0287,
62.8291

■ 60.5941, 65.0906,
69.3580

■ 67.0760, 76.4866,
76.3515

■ 74.2861, 89.2636,
83.8210

■ 75.7406, 90.4526,
89.6081

Harmonies

Analogous

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



31.0872, 22.8752, 60.2309



35.5476, 22.8752, 36.7242



35.8908, 22.8752, 17.9814

Triad

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



35.5476, 22.8752, 36.7242



19.1660, 22.8752, 4.0406



13.9795, 22.8752, 56.8226

Complementary

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



35.5476, 22.8752, 36.7242



30.4259, 47.9607, 29.8463

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.



11.9073, 22.8752, 33.4159



35.5476, 22.8752, 36.7242



14.4871, 22.8752, 7.0879

Square

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



35.5476, 22.8752, 36.7242



25.5502, 22.8752, 4.2543



12.0730, 22.8752, 15.9434



18.3327, 22.8752, 75.1750

Rectangle

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



35.5476, 22.8752, 36.7242



33.6569, 22.8752, 10.4157



12.0730, 22.8752, 15.9434



13.0347, 22.8752, 48.9037

Sweetspot

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



35.5483, 22.8763, 36.7246



80.2313, 74.3862, 91.5559



24.2143, 16.4998, 60.3015



16.8431, 15.3591, 19.1883



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.



35.5483, 22.8763, 36.7246



53.4982, 30.9428, 51.7459



31.5562, 21.2795, 15.7027



11.5017, 11.3294, 13.1765



18.1425, 9.0676, 13.7351



0.9720, 0.4822, 0.8986

Inverse Universe

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



35.5483, 22.8763, 36.7246



53.4982, 30.9428, 51.7459



35.5301, 50.0024, 56.7243



11.5017, 11.3294, 13.1765



18.1425, 9.0676, 13.7351



0.9720, 0.4822, 0.8986

Previews

White Background



This preview shows how the XYZ color 35.5476, 22.8752, 36.7242 looks on a white background.

Color Contrast Check

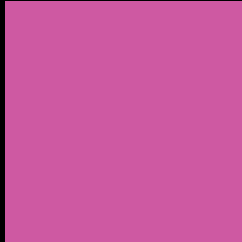
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5476, 22.8752, 36.7242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

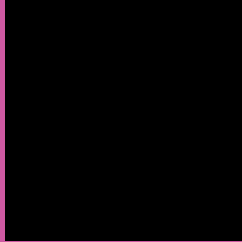
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5476, 22.8752, 36.7242

Background



This preview shows how black text looks on a background with the XYZ color 35.5476, 22.8752, 36.7242.



This preview shows how white text looks on a background with the XYZ color 35.5476, 22.8752,

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

35.5476, 22.8752, 36.7242

Protanopia

24.1792, 23.2158, 53.0759

Deuteranopia

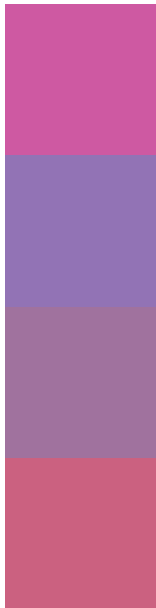
23.5239, 23.0874, 34.6690



Tritanopia

31.4478, 22.8076, 16.9322

Trichromacy



Original Color

35.5476, 22.8752, 36.7242

Protanomaly

26.3253, 21.7087, 46.5188

Deuteranomaly

26.6861, 21.9768, 35.1832

Tritanomaly

32.7996, 22.8044, 23.0950

Monochromacy



Original Color

35.5476, 22.8752, 36.7242

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.5014, 21.8449, 28.8590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5476, 22.8752, 36.7242 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(206, 89, 162)` looks like.

```
.text, #text, p{  
    color:rgb(206, 89, 162)  
}
```

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(206, 89, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 89, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.5476, 22.8752, 36.7242 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(206, 89, 162) }
```


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

```
.border{ border-color:rgb(206, 89, 162) }
```

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

Here you see how a box with a 4 pixel rgb(206, 89, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 89, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 89, 162);  
box-shadow:4px 4px 4px 4px rgb(206, 89,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5476, 22.8752, 36.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 89, 162) }
```

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

```
.background{ background-color: rgb(206, 89,  
162) }
```

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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