

Converting Colors

XYZ(35.6574, 23.0016, 53.3184)

Have a look what the booklet for
XYZ(35.6574, 23.0016, 53.3184)
contains.

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Color

**XYZ(35.5571, 22.8868,
53.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	C15CC2
RGB	193, 92, 194
RGB Percent	76%, 36%, 76%
CMY	0.2431, 0.6392, 0.2392
CMYK	0.01, 0.53, 0.00, 0.24
HSL	299°, 46%, 56%
HSV	299°, 53%, 76%
XYZ	35.5571, 22.8868, 53.5825
YIQ	133.8270, 27.4540, 53.1340

Conversions

Conversions Part 2

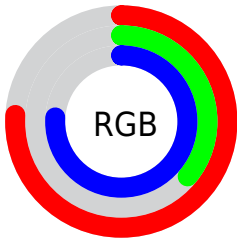
Format	Color
RYB	193, 92, 194
Decimal	12672194
CIELab	54.96, 54.43, -35.56
CIELCh	55, 65.019, 326.841
Yxy	22.8868, 0.3174, 0.2043
Android (android.graphics.Color)	4290862274 (0xFFC15CC2)
YUV	133.8270, 29.6653, 51.8947
Hunter-Lab	47.8402, 48.9495, -32.9186

Details

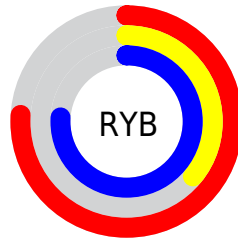
The XYZ color **35.5571, 22.8868, 53.5825** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **25.7385, 41.6840, 16.8156**, and the grayscale version is **22.4849, 23.6559, 25.7613**.

A 20% lighter version of the original color is **67.4751, 48.0320, 96.9816**, and **15.6810, 8.4736, 25.6200** is the 20% darker color. If you saturate the color by 10%, you get **34.0386, 19.9211, 53.0904**, and if you desaturate by 10%, it is **37.5075, 26.7151, 54.2190**.

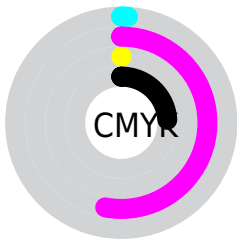
Distribution



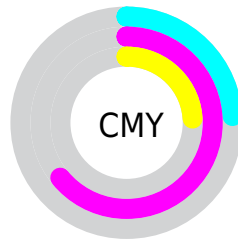
- Red (76%)
- Green (36%)
- Blue (76%)



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



- Cyan (1%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5571, 22.8868, 53.5825 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 35.5571, 22.8868, 53.5825 by changing the saturation by 10% instead.


 35.5571, 22.8868,
53.5825


 35.5571, 22.8868,
53.5825


318.4857,
267.1430, 417.6455

 24.2609, 14.5099,
37.8771


 67.6763, 48.2074,
96.9112


 15.6530, 8.4762,
25.5862


 89.2299, 65.9199,
125.3715

 9.3682, 4.4011,
16.2914


 114.9334, 87.5131,
158.9206

 5.0412, 1.9004,
9.5740

 145.1520,
113.3714, 197.9769

 2.3064, 0.5486,
5.0155

180.2512,
143.8791, 242.9590

 0.7980, 0.0000,
2.1975

220.5963,

 0.0000, 0.0000,

179.4207, 294.2854

0.6729

266.5527,
220.3805, 352.3747

■ 0.0000, 0.0000,
0.0000

■ 35.5571, 22.8868,
53.5825

■ 35.5571, 22.8868,
53.5825

■ 34.0386, 19.9211,
53.0904

■ 37.5075, 26.7151,
54.2190

■ 32.9160, 17.7477,
52.7301

■ 39.9175, 31.4630,
55.0084

■ 32.1517, 16.2908,
52.4892

■ 42.8151, 37.1859,
55.9603

■ 31.6996, 15.4581,
52.3523

■ 46.2255, 43.9344,
57.0831

■ 31.5013, 15.1146,
52.2964

■ 50.1721, 51.7554,
58.3847

■ 54.6770, 60.6927,
59.8724

■ 59.7609, 70.7880,
61.5530

■ 65.4435, 82.0807,
63.4332

■ 67.9290, 86.9788,
64.2477

Harmonies

Analogous

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



28.6377, 22.8868, 79.8418



35.5571, 22.8868, 53.5825



38.7542, 22.8868, 27.1745

Triad

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



35.5571, 22.8868, 53.5825



22.5269, 22.8868, 2.5762



11.5740, 22.8868, 47.5088

Complementary

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



35.5571, 22.8868, 53.5825



25.7385, 41.6840, 16.8156

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.



10.6331, 22.8868, 22.7935



35.5571, 22.8868, 53.5825



16.0712, 22.8868, 3.6221

Square

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



35.5571, 22.8868, 53.5825



30.2582, 22.8868, 4.2619



12.0833, 22.8868, 8.8927



15.0130, 22.8868, 75.1764

Rectangle

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



35.5571, 22.8868, 53.5825



37.9169, 22.8868, 15.0903



12.0833, 22.8868, 8.8927



10.9932, 22.8868, 38.2941

Sweetspot

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



35.5579, 22.8878, 53.5830



81.3646, 74.8784, 102.6344



18.1283, 14.1236, 52.8100



17.5327, 15.8329, 22.3819



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.



35.5579, 22.8878, 53.5830



61.3370, 35.4463, 96.0788



31.1638, 21.1597, 29.1097



10.4872, 10.2423, 12.7091



20.7154, 9.9396, 34.3833



0.8982, 0.4311, 1.4858

Inverse Universe

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



28.0518, 19.9149, 12.7223



46.3221, 29.5054, 14.0717



28.5363, 42.7915, 32.0731



10.0771, 10.0795, 10.4967



14.6361, 7.5442, 0.7300



0.6338, 0.3265, 0.0389

Previews

White Background



This preview shows how the XYZ color 35.5571, 22.8868, 53.5825 looks on a white background.

Color Contrast Check

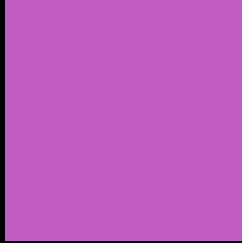
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5571, 22.8868, 53.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

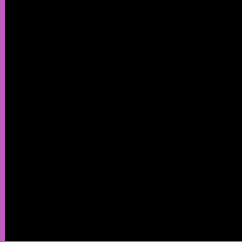
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5571, 22.8868, 53.5825

Background



This preview shows how black text looks on a background with the XYZ color 35.5571, 22.8868, 53.5825.



This preview shows how white text looks on a background with the XYZ color 35.5571, 22.8868,

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

35.5571, 22.8868, 53.5825

Protanopia

25.7942, 23.3652, 75.1019

Deuteranopia

23.7680, 23.2652, 50.2516



Tritanopia

28.7814, 22.8911, 20.3542

Trichromacy



Original Color

35.5571, 22.8868, 53.5825



Protanomaly

27.1354, 21.8578, 66.4071



Deuteranomaly

26.6401, 22.1030, 51.5774



Tritanomaly

30.6321, 22.5407, 29.9304

Monochromacy



Original Color

35.5571, 22.8868, 53.5825



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

26.1151, 22.5625, 34.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5571, 22.8868, 53.5825 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(193, 92, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 92, 194)  
}
```

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(193, 92, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 92, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.5571, 22.8868, 53.5825 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(193, 92, 194) }
```


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

```
.border{ border-color:rgb(193, 92, 194) }
```

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

Here you see how a box with a 4 pixel rgb(193, 92, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 92, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 92, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 92,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5571, 22.8868, 53.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 92, 194) }
```

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

```
.background{ background-color: rgb(193, 92,  
194) }
```

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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