

Converting Colors

XYZ(35.4161, 21.2339, 55.2757)

Have a look what the booklet for
XYZ(35.4161, 21.2339, 55.2757)
contains.

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Color

**XYZ(35.3797, 21.2253,
55.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	C34FC5
RGB	195, 79, 197
RGB Percent	76%, 31%, 77%
CMY	0.2353, 0.6902, 0.2274
CMYK	0.01, 0.60, 0.00, 0.23
HSL	299°, 50%, 54%
HSV	299°, 60%, 77%
XYZ	35.3797, 21.2253, 55.0555
YIQ	127.1360, 31.2580, 61.2900

Conversions

Conversions Part 2

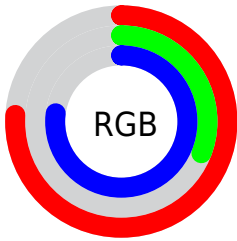
Format	Color
RYB	195, 79, 197
Decimal	12799941
CIELab	53.20, 61.42, -40.03
CIELCh	53, 73.313, 326.904
Yxy	21.2253, 0.3169, 0.1901
Android (android.graphics.Color)	4290990021 (0xFFC34FC5)
YUV	127.1360, 34.4430, 59.5167
Hunter-Lab	46.0709, 56.4532, -38.6029

Details

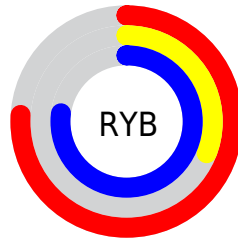
The XYZ color **35.3797, 21.2253, 55.0555** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **24.7716, 42.2469, 14.2470**, and the grayscale version is **20.0983, 21.1450, 23.0269**.

A 20% lighter version of the original color is **67.4264, 45.5545, 99.0051**, and **15.5588, 7.6258, 26.6385** is the 20% darker color. If you saturate the color by 10%, you get **34.0777, 18.7485, 54.6464**, and if you desaturate by 10%, it is **37.1044, 24.5460, 55.6059**.

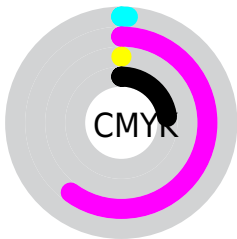
Distribution



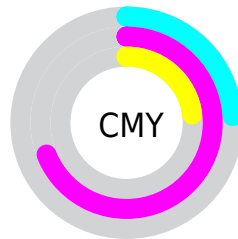
- Red (76%)
- Green (31%)
- Blue (77%)



- Red (76%)
- Yellow (31%)
- Blue (77%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (69%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3797, 21.2253, 55.0555 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 35.3797, 21.2253, 55.0555 by changing the saturation by 10% instead.

35.3797, 21.2253,
55.0555

35.3797, 21.2253,
55.0555

317.7199,
258.4734, 423.4102

24.1234, 13.2888,
39.0473

67.4037, 45.4622,
99.0942

15.5504, 7.6277,
26.4884

88.9021, 62.5314,
127.9618

9.2954, 3.8577,
16.9603

114.5453, 83.4136,
161.9529

4.9930, 1.5943,
10.0445

144.6986,
108.4931, 201.4861

2.2779, 0.3537,
5.3225

179.7273,
138.1545, 246.9798

0.7833, 0.0000,
2.3757

219.9969,

0.0000, 0.0000,

172.7821, 298.8527

0.7732

265.8726,
212.7603, 357.5233

■ 0.0000, 0.0000,
0.0000

■ 35.3797, 21.2253,
55.0555

■ 35.3797, 21.2253,
55.0555

■ 34.0777, 18.7485,
54.6464

■ 37.1044, 24.5460,
55.6059

■ 33.1575, 17.0359,
54.3643

■ 39.2833, 28.7752,
56.3073

■ 32.5747, 15.9975,
54.1946

■ 41.9474, 33.9746,
57.1705

■ 32.2429, 15.4609,
54.1085

■ 45.1244, 40.1996,
58.2046

■ 32.2398, 15.4560,
54.1077

■ 48.8400, 47.5015,
59.4182

■ 53.1181, 55.9281,
60.8192

■ 57.9812, 65.5243,
62.4151

■ 63.4505, 76.3328,
64.2131

■ 69.1282, 87.5577,
66.0805

Harmonies

Analogous

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



27.6821, 21.2253, 85.7301



35.3797, 21.2253, 55.0555



38.9735, 21.2253, 25.4893

Triad

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



35.3797, 21.2253, 55.0555



20.9883, 21.2253, 1.3331



9.6030, 21.2253, 48.2472

Complementary

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



35.3797, 21.2253, 55.0555



24.7716, 42.2469, 14.2470

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.



8.6668, 21.2253, 20.8849



35.3797, 21.2253, 55.0555



14.1634, 21.2253, 2.1341

Square

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



35.3797, 21.2253, 55.0555



29.4366, 21.2253, 2.6396



10.1013, 21.2253, 6.7794



13.0922, 21.2253, 80.3327

Rectangle

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



35.3797, 21.2253, 55.0555



38.0181, 21.2253, 12.8042



10.1013, 21.2253, 6.7794



9.0252, 21.2253, 37.8444

Sweetspot

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



35.3805, 21.2263, 55.0559



81.8295, 73.9828, 104.5750



16.3916, 11.8709, 54.2510



17.1241, 15.0685, 22.2559



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.



35.3805, 21.2263, 55.0559



60.4335, 32.4523, 97.6865



30.7001, 19.4142, 27.6953



11.0647, 10.8071, 13.4203



21.2131, 10.1700, 35.5893



1.0102, 0.4845, 1.6854

Inverse Universe

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



27.3078, 18.0573, 9.8316



44.7721, 26.3189, 9.2894



27.4992, 43.3184, 29.4917



10.6410, 10.6398, 11.0930



15.1604, 7.8137, 0.7886



0.7204, 0.3710, 0.0510

Previews

White Background



This preview shows how the XYZ color 35.3797, 21.2253, 55.0555 looks on a white background.

Color Contrast Check

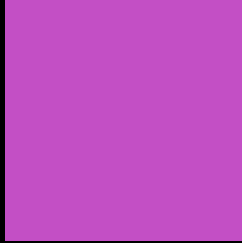
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3797, 21.2253, 55.0555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

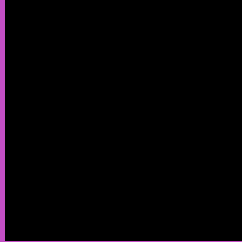
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3797, 21.2253, 55.0555

Background



This preview shows how black text looks on a background with the XYZ color 35.3797, 21.2253, 55.0555.



This preview shows how white text looks on a background with the XYZ color 35.3797, 21.2253,

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

35.3797, 21.2253, 55.0555

Protanopia

24.9550, 21.7816, 83.7779

Deuteranopia

22.0302, 21.5622, 51.1449



Tritanopia

27.7271, 21.1625, 17.6623

Trichromacy



Original Color

35.3797, 21.2253, 55.0555



Protanomaly

25.6213, 19.6302, 72.2507



Deuteranomaly

25.0820, 20.1085, 52.4285



Tritanomaly

29.8715, 20.7772, 28.0272

Monochromacy



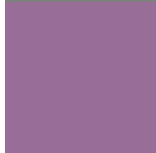
Original Color

35.3797, 21.2253, 55.0555



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

24.1923, 20.0943, 32.3093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3797, 21.2253, 55.0555 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(195, 79, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 79, 197)  
}
```

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(195, 79, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 79, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.3797, 21.2253, 55.0555 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(195, 79, 197) }
```


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

```
.border{ border-color:rgb(195, 79, 197) }
```

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

Here you see how a box with a 4 pixel rgb(195, 79, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 79, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 79, 197);  
box-shadow:4px 4px 4px 4px rgb(195, 79,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3797, 21.2253, 55.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 79, 197) }
```

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

```
.background{ background-color: rgb(195, 79,  
197) }
```

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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