

Converting Colors

XYZ(36.0877, 21.6849, 55.7096)

Have a look what the booklet for
XYZ(36.0877, 21.6849, 55.7096)
contains.

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Color

**XYZ(36.0877, 21.6849,
55.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	C550C6
RGB	197, 80, 198
RGB Percent	77%, 31%, 78%
CMY	0.2274, 0.6863, 0.2235
CMYK	0.01, 0.60, 0.00, 0.22
HSL	299°, 51%, 55%
HSV	299°, 60%, 78%
XYZ	36.0877, 21.6849, 55.7096
YIQ	128.4350, 31.8540, 61.5020

Conversions

Conversions Part 2

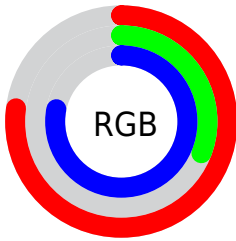
Format	Color
R_{YB}	197, 80, 198
Decimal	12931270
CIE _{Lab}	53.69, 61.66, -39.81
CIE _{LCh}	54, 73.396, 327.157
Yxy	21.6849, 0.3180, 0.1911
Android (android.graphics.Color)	4291121350 (0xFFC550C6)
YUV	128.4350, 34.2955, 60.1315
Hunter-Lab	46.5670, 56.8384, -38.3335

Details

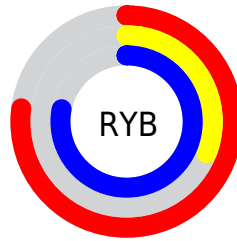
The XYZ color **36.0877, 21.6849, 55.7096** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **25.0361, 42.7172, 14.5162**, and the grayscale version is **20.5466, 21.6166, 23.5405**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **15.9932, 7.8769, 27.0630** is the 20% darker color. If you saturate the color by 10%, you get **34.8022, 19.1784, 55.2939**, and if you desaturate by 10%, it is **37.8019, 25.0475, 56.2686**.

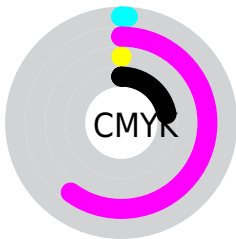
Distribution



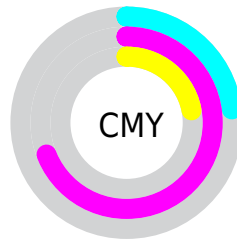
- Red (77%)
- Green (31%)
- Blue (78%)



- Red (77%)
- Yellow (31%)
- Blue (78%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0877, 21.6849, 55.7096 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 36.0877, 21.6849, 55.7096 by changing the saturation by 10% instead.


 36.0877, 21.6849,
55.7096

 36.0877, 21.6849,
55.7096


320.7683,
260.8963, 425.9537


 24.6724, 13.6256,
39.5677


 68.4904, 46.2247,
100.0614

 15.9605, 7.8607,
26.8904


 90.2085, 63.4738,
129.1084


 9.5869, 4.0059,
17.2592


 116.0915, 84.5551,
163.2942

 5.1861, 1.6769,
10.2556

 146.5048,
109.8528, 203.0373

 2.3927, 0.4086,
5.4609

 181.8138,
139.7514, 248.7562

 0.8415, 0.0000,
2.4567

222.3838,

 0.0000, 0.0000,

174.6353, 300.8696

0.8171

268.5802,
214.8888, 359.7959

■ 0.0000, 0.0000,
0.0000

■ 36.0877, 21.6849,
55.7096

■ 36.0877, 21.6849,
55.7096

■ 34.8022, 19.1784,
55.2939

■ 37.8019, 25.0475,
56.2686

■ 33.9043, 17.4476,
55.0071

■ 39.9765, 29.3313,
56.9808

■ 33.3489, 16.4019,
54.8345

■ 42.6428, 34.5987,
57.8570

■ 33.0530, 15.8749,
54.7484

■ 45.8290, 40.9055,
58.9064

■ 33.0425, 15.8565,
54.7454

■ 49.5608, 48.3037,
60.1377

■ 53.8625, 56.8415,
61.5590

■ 58.7567, 66.5644,
63.1777

■ 64.2650, 77.5153,
65.0011

■ 69.3765, 87.6724,
66.6923

Harmonies

Analogous

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



28.3040, 21.6849, 86.8235



36.0877, 21.6849, 55.7096



39.6819, 21.6849, 25.8232

Triad

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



36.0877, 21.6849, 55.7096



21.3694, 21.6849, 1.3997



9.8791, 21.6849, 49.3772

Complementary

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



36.0877, 21.6849, 55.7096



25.0361, 42.7172, 14.5162

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.



8.9044, 21.6849, 21.5292



36.0877, 21.6849, 55.7096



14.4557, 21.6849, 2.2462

Square

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



36.0877, 21.6849, 55.7096



29.9382, 21.6849, 2.7238



10.3452, 21.6849, 7.0606



13.4550, 21.6849, 81.8098

Rectangle

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



36.0877, 21.6849, 55.7096



38.6789, 21.6849, 13.0095



10.3452, 21.6849, 7.0606



9.2832, 21.6849, 38.8124

Sweetspot

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



36.0885, 21.6859, 55.7100



81.9722, 74.0564, 104.5817



16.5170, 11.8133, 54.8360



17.1596, 15.0868, 22.2576



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.



36.0885, 21.6859, 55.7100



60.9992, 32.7439, 97.7129



30.9633, 19.6661, 27.3514



11.0739, 10.8119, 13.4207



21.4922, 10.3139, 35.6024



1.0206, 0.4899, 1.6859

Inverse Universe

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



27.6432, 18.3381, 9.8681



44.7198, 26.2980, 9.0144



28.0209, 43.9013, 30.6775



10.6375, 10.6384, 11.0742



15.1528, 7.8107, 0.7486



0.7188, 0.3704, 0.0423

Previews

White Background



This preview shows how the XYZ color 36.0877, 21.6849, 55.7096 looks on a white background.

Color Contrast Check

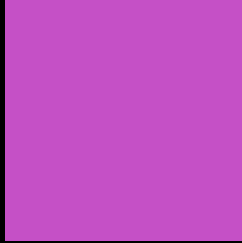
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0877, 21.6849, 55.7096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

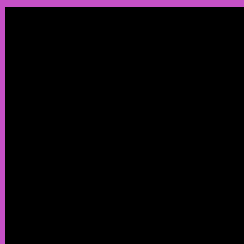
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0877, 21.6849, 55.7096

Background



This preview shows how black text looks on a background with the XYZ color 36.0877, 21.6849, 55.7096.



This preview shows how white text looks on a background with the XYZ color 36.0877, 21.6849,

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

36.0877, 21.6849, 55.7096

Protanopia

25.4394, 22.2013, 84.6058

Deuteranopia

22.4929, 21.9808, 51.7724



Tritanopia

28.3685, 21.6353, 18.0101

Trichromacy



Original Color

36.0877, 21.6849, 55.7096



Protanomaly

26.1256, 20.0321, 73.0106



Deuteranomaly

25.6266, 20.5375, 53.0655



Tritanomaly

30.5360, 21.2440, 28.4777

Monochromacy



Original Color

36.0877, 21.6849, 55.7096



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

24.5711, 20.4411, 32.7875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0877, 21.6849, 55.7096 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(197, 80, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 80, 198)  
}
```

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(197, 80, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 80, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.0877, 21.6849, 55.7096 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(197, 80, 198) }
```


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

```
.border{ border-color:rgb(197, 80, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 80, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 80, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 80, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 80,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0877, 21.6849, 55.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 80, 198) }
```

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

```
.background{ background-color: rgb(197, 80,  
198) }
```

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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