

Converting Colors

XYZ(36.5259, 22.9936, 55.8612)

Have a look what the booklet for
XYZ(36.5259, 22.9936, 55.8612)
contains.

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Color

**XYZ(36.5304, 22.9577,
55.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	C459C6
RGB	196, 89, 198
RGB Percent	77%, 35%, 78%
CMY	0.2314, 0.6510, 0.2235
CMYK	0.01, 0.55, 0.00, 0.22
HSL	299°, 49%, 56%
HSV	299°, 55%, 78%
XYZ	36.5304, 22.9577, 55.9320
YIQ	133.4190, 28.7830, 56.5830

Conversions

Conversions Part 2

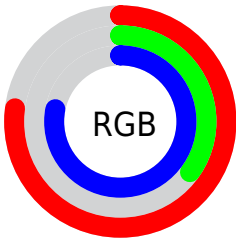
Format	Color
R _Y B	196, 89, 198
Decimal	12868038
CIE _{Lab}	55.03, 57.37, -37.71
CIE _{LCh}	55, 68.658, 326.682
Yxy	22.9577, 0.3165, 0.1989
Android (android.graphics.Color)	4291058118 (0xFFC459C6)
YUV	133.4190, 31.8384, 54.8835
Hunter-Lab	47.9142, 52.2409, -35.6715

Details

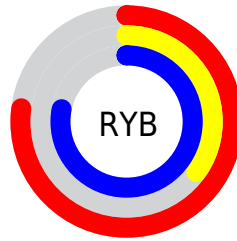
The XYZ color **36.5304, 22.9577, 55.9320** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **26.3123, 43.3341, 16.4297**, and the grayscale version is **22.3280, 23.4908, 25.5814**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **16.1715, 8.4826, 27.1705** is the 20% darker color. If you saturate the color by 10%, you get **35.0048, 20.0460, 55.4507**, and if you desaturate by 10%, it is **38.5009, 26.7576, 56.5619**.

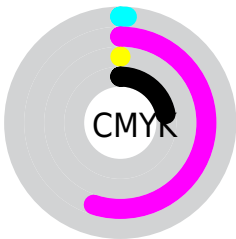
Distribution



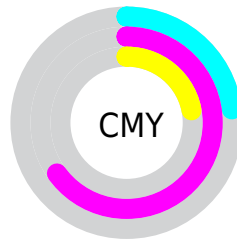
- Red (77%)
- Green (35%)
- Blue (78%)



- Red (77%)
- Yellow (35%)
- Blue (78%)



- Cyan (1%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5304, 22.9577, 55.9320 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 36.5304, 22.9577, 55.9320 by changing the saturation by 10% instead.

 36.5304, 22.9577,
55.9320


 36.5304, 22.9577,
55.9320


322.6639,
267.5077, 426.8163

 25.0161, 14.5623,
39.7448


 69.1685, 48.3239,
100.3899


 16.2179, 8.5128,
27.0273


 91.0230, 66.0634,
129.4978

 9.7703, 4.4248,
17.3611


 117.0549, 87.6864,
163.7495

 5.3080, 1.9139,
10.3276

 147.6297,
113.5773, 203.5637

 2.4657, 0.5567,
5.5083

183.1126,
144.1205, 249.3590

 0.8780, 0.0000,
2.4846

223.8690,

 0.0000, 0.0000,

179.7003, 301.5538

0.8320

270.2643,
220.7013, 360.5667

■ 0.0000, 0.0000,
0.0000

■ 36.5304, 22.9577,
55.9320

■ 36.5304, 22.9577,
55.9320

■ 35.0048, 20.0460,
55.4507

■ 38.5009, 26.7576,
56.5619

■ 33.8853, 17.9467,
55.1045

■ 40.9461, 31.5074,
57.3498

■ 33.1304, 16.5763,
54.8798

■ 43.8964, 37.2668,
58.3060

■ 32.6889, 15.8322,
54.7594

■ 47.3786, 44.0899,
59.4395

■ 32.5361, 15.5955,
54.7218

■ 51.4179, 52.0267,
60.7585

■ 56.0377, 61.1242,
62.2711

■ 61.2602, 71.4267,
63.9844

■ 67.1063, 82.9761,
65.9055

■ 69.5779, 87.7763,
66.7018

Harmonies

Analogous

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



29.0988, 22.9577, 84.5232



36.5304, 22.9577, 55.9320



40.0022, 22.9577, 27.5099

Triad

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



36.5304, 22.9577, 55.9320



22.6812, 22.9577, 2.1337



11.1565, 22.9577, 49.0279

Complementary

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



36.5304, 22.9577, 55.9320



26.3123, 43.3341, 16.4297

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.



10.2012, 22.9577, 22.6420



36.5304, 22.9577, 55.9320



15.8701, 22.9577, 3.1071

Square

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



36.5304, 22.9577, 55.9320



30.9182, 22.9577, 3.7533



11.7085, 22.9577, 8.2852



14.7095, 22.9577, 79.1595

Rectangle

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



36.5304, 22.9577, 55.9320



39.1201, 22.9577, 14.7661



11.7085, 22.9577, 8.2852



10.5628, 22.9577, 39.1127

Sweetspot

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



36.5312, 22.9587, 55.9325



82.4542, 75.2417, 104.7850



18.1960, 13.9666, 55.1632



17.3720, 15.5626, 22.3382



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.



36.5312, 22.9587, 55.9325



61.5475, 34.6672, 98.0553



32.1387, 21.2622, 30.0698



11.0631, 10.8063, 13.4202



21.1674, 10.1465, 35.5872



1.0085, 0.4837, 1.6853

Inverse Universe

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



28.7501, 19.9067, 12.2254



46.4603, 28.7625, 12.7283



29.0385, 44.4021, 31.8004



10.6416, 10.6400, 11.0961



15.1616, 7.8142, 0.7951



0.7207, 0.3711, 0.0524

Previews

White Background



This preview shows how the XYZ color 36.5304, 22.9577, 55.9320 looks on a white background.

Color Contrast Check

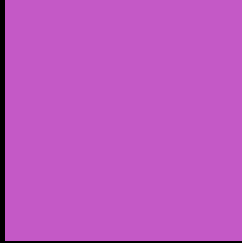
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5304, 22.9577, 55.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

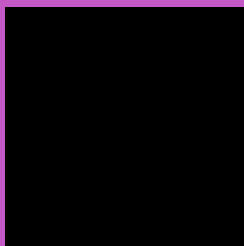
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5304, 22.9577, 55.9320

Background



This preview shows how black text looks on a background with the XYZ color 36.5304, 22.9577, 55.9320.



This preview shows how white text looks on a background with the XYZ color 36.5304, 22.9577,

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

36.5304, 22.9577, 55.9320

Protanopia

26.2144, 23.4685, 80.2390

Deuteranopia

23.8269, 23.2454, 52.5212



Tritanopia

29.0956, 22.8990, 20.0260

Trichromacy



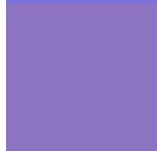
Original Color

36.5304, 22.9577, 55.9320



Protanomaly

27.3930, 21.5619, 70.4282



Deuteranomaly

26.9675, 22.0485, 53.8734



Tritanomaly

31.2530, 22.5565, 30.3104

Monochromacy



Original Color

36.5304, 22.9577, 55.9320



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

26.1574, 22.2248, 34.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5304, 22.9577, 55.9320 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(196, 89, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 89, 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(196, 89, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 89, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.5304, 22.9577, 55.9320 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(196, 89, 198) }
```


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

```
.border{ border-color:rgb(196, 89, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 89, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 89, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 89, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 89,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5304, 22.9577, 55.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 89, 198) }
```

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

```
.background{ background-color: rgb(196, 89,  
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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