

Converting Colors

XYZ(35.3339, 22.6433, 47.8557)

Have a look what the booklet for
XYZ(35.3339, 22.6433, 47.8557)
contains.

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Color

**XYZ(35.3339, 22.6433,
47.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	C55AB8
RGB	197, 90, 184
RGB Percent	77%, 35%, 72%
CMY	0.2274, 0.6470, 0.2784
CMYK	0.00, 0.54, 0.07, 0.23
HSL	307°, 48%, 56%
HSV	307°, 54%, 77%
XYZ	35.3339, 22.6433, 47.8557
YIQ	132.7090, 33.5980, 51.9180

Conversions

Conversions Part 2

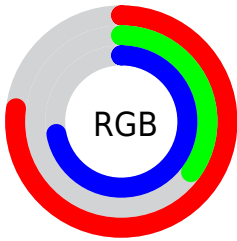
Format	Color
RYB	197, 90, 184
Decimal	12933816
CIELab	54.70, 54.76, -30.16
CIELCh	55, 62.520, 331.157
Yxy	22.6433, 0.3339, 0.2140
Android (android.graphics.Color)	4291123896 (0xFFC55AB8)
YUV	132.7090, 25.2865, 56.3832
Hunter-Lab	47.5850, 49.2702, -26.3178

Details

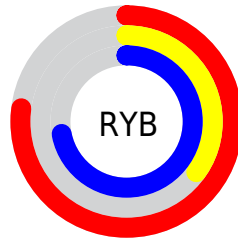
The XYZ color **35.3339, 22.6433, 47.8557** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **26.6319, 43.0864, 19.7463**, and the grayscale version is **22.0920, 23.2425, 25.3110**.

A 20% lighter version of the original color is **67.0936, 47.8021, 88.1286**, and **15.6251, 8.3891, 22.2685** is the 20% darker color. If you saturate the color by 10%, you get **33.6385, 19.6502, 46.0632**, and if you desaturate by 10%, it is **37.4754, 26.5207, 49.8183**.

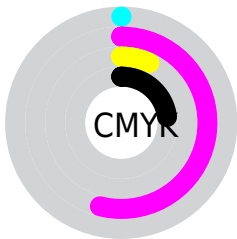
Distribution



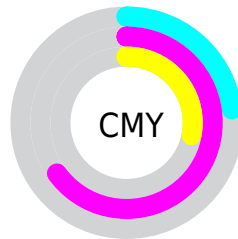
- Red (77%)
- Green (35%)
- Blue (72%)



- Red (77%)
- Yellow (35%)
- Blue (72%)



- Cyan (0%)
- Magenta (54%)
- Yellow (7%)
- Black (23%)





- Cyan (23%)
- Magenta (65%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3339, 22.6433, 47.8557 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 35.3339, 22.6433, 47.8557 by changing the saturation by 10% instead.

 35.3339, 22.6433,
47.8557


 35.3339, 22.6433,
47.8557


317.5220,
265.8876, 394.7121

 24.0879, 14.3303,
33.3534


 67.3333, 47.8070,
88.3528


 15.5239, 8.3508,
22.1240


 88.8175, 65.4265,
115.1848

 9.2766, 4.3202,
13.7489


 114.4451, 86.9169,
146.9637

 4.9806, 1.8543,
7.8095

 144.5814,
112.6627, 184.1082

 2.2705, 0.5207,
3.8872

179.5920,
143.0483, 227.0367

 0.7795, 0.0000,
1.5637

219.8420,

 0.0000, 0.0000,

178.4581, 276.1678

0.2647

265.6969,
219.2764, 331.9201

■ 0.0000, 0.0000,
0.0000

■ 35.3339, 22.6433,
47.8557

■ 35.3339, 22.6433,
47.8557

■ 33.6385, 19.6502,
46.0632

■ 37.4754, 26.5207,
49.8183

■ 32.3512, 17.4670,
44.4273

■ 40.0923, 31.3429,
51.9602

■ 31.4316, 16.0126,
42.9348

■ 43.2144, 37.1683,
54.2916

■ 30.8299, 15.1872,
41.5689

■ 46.8681, 44.0500,
56.8215

■ 30.5754, 14.8901,
40.8304

■ 51.0780, 52.0374,
59.5582

■ 55.8673, 61.1765,
62.5095

■ 61.2578, 71.5110,
65.6826

■ 67.2701, 83.0822,
69.0847

■ 69.8715, 87.8246,
71.3716

Harmonies

Analogous

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



29.1279, 22.6433, 73.4488



35.3339, 22.6433, 47.8557



37.6665, 22.6433, 23.8967

Triad

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



35.3339, 22.6433, 47.8557



21.2555, 22.6433, 2.8517



12.0604, 22.6433, 49.9497

Complementary

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



35.3339, 22.6433, 47.8557



26.6319, 43.0864, 19.7463

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.



10.8095, 22.6433, 25.4286



35.3339, 22.6433, 47.8557



15.3704, 22.6433, 4.3555

Square

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



35.3339, 22.6433, 47.8557



28.5648, 22.6433, 4.1188



11.8795, 22.6433, 10.5091



15.7435, 22.6433, 75.0459

Rectangle

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



35.3339, 22.6433, 47.8557



36.3885, 22.6433, 13.3414



11.8795, 22.6433, 10.5091



11.3817, 22.6433, 41.0367

Sweetspot

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



35.3347, 22.6443, 47.8562



82.5992, 76.3592, 100.8628



19.2697, 14.1978, 54.5490



17.3781, 15.7752, 21.3828



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.



35.3347, 22.6443, 47.8562



59.8084, 34.4365, 81.9861



30.7810, 20.8229, 23.8768



11.0255, 10.7936, 13.1174



20.1313, 9.8021, 26.9648



0.9693, 0.4705, 1.3612

Inverse Universe

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



35.3347, 22.6443, 47.8562



59.8084, 34.4365, 81.9861



30.1830, 44.5068, 38.4461



11.0255, 10.7936, 13.1174



20.1313, 9.8021, 26.9648



0.9693, 0.4705, 1.3612

Previews

White Background



This preview shows how the XYZ color 35.3339, 22.6433, 47.8557 looks on a white background.

Color Contrast Check

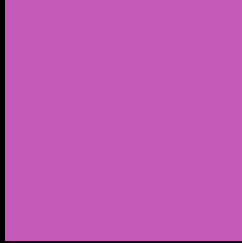
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3339, 22.6433, 47.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

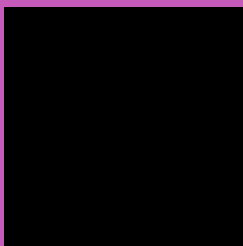
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3339, 22.6433, 47.8557

Background



This preview shows how black text looks on a background with the XYZ color 35.3339, 22.6433, 47.8557.



This preview shows how white text looks on a background with the XYZ color 35.3339, 22.6433,

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

35.3339, 22.6433, 47.8557

Protanopia

25.0688, 23.1452, 68.1119

Deuteranopia

23.2573, 22.7264, 44.7558



Tritanopia

29.3385, 22.5720, 19.0302

Trichromacy



Original Color

35.3339, 22.6433, 47.8557



Protanomaly

26.7027, 21.6076, 59.8900



Deuteranomaly

26.4016, 21.7598, 45.9886



Tritanomaly

31.1255, 22.4073, 27.4955

Monochromacy



Original Color

35.3339, 22.6433, 47.8557



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

25.7391, 22.0575, 32.6067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3339, 22.6433, 47.8557 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, 90, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 90, 184)  
}
```

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, 90, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 90, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.3339, 22.6433, 47.8557 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, 90, 184) }
```


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

```
.border{ border-color:rgb(197, 90, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 90, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 90, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 90, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 90,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3339, 22.6433, 47.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 90, 184) }
```

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

```
.background{ background-color: rgb(197, 90,  
184) }
```

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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