

Converting Colors

XYZ(35.8703, 22.5603, 54.8977)

Have a look what the booklet for
XYZ(35.8703, 22.5603, 54.8977)
contains.

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Color

**XYZ(35.7017, 22.4343,
54.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	C258C4
RGB	194, 88, 196
RGB Percent	76%, 35%, 77%
CMY	0.2392, 0.6549, 0.2314
CMYK	0.01, 0.55, 0.00, 0.23
HSL	299°, 48%, 56%
HSV	299°, 55%, 77%
XYZ	35.7017, 22.4343, 54.6731
YIQ	132.0060, 28.5080, 56.0600

Conversions

Conversions Part 2

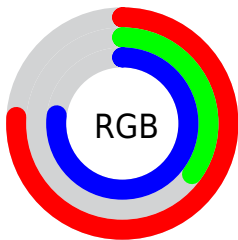
Format	Color
R_{YB}	194, 88, 196
Decimal	12736708
CIE _{Lab}	54.48, 56.95, -37.44
CIE _{LCh}	54, 68.152, 326.678
Yxy	22.4343, 0.3165, 0.1989
Android (android.graphics.Color)	4290926788 (0xFFC258C4)
YUV	132.0060, 31.5490, 54.3687
Hunter-Lab	47.3649, 51.6575, -35.2828

Details

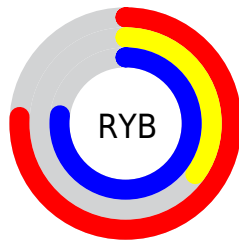
The XYZ color **35.7017, 22.4343, 54.6731** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **25.7185, 42.3586, 16.0541**, and the grayscale version is **21.8179, 22.9541, 24.9970**.

A 20% lighter version of the original color is **68.0601, 47.6194, 98.5328**, and **15.8280, 8.2848, 26.3561** is the 20% darker color. If you saturate the color by 10%, you get **34.2111, 19.5905, 54.2031**, and if you desaturate by 10%, it is **37.6266, 26.1451, 55.2882**.

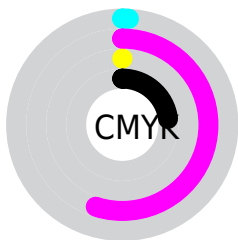
Distribution



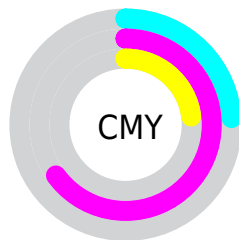
- Red (76%)
- Green (35%)
- Blue (77%)



- Red (76%)
- Yellow (35%)
- Blue (77%)



- Cyan (1%)
- Magenta (55%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7017, 22.4343, 54.6731 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 35.7017, 22.4343, 54.6731 by changing the saturation by 10% instead.

 35.7017, 22.4343,
54.6731

 35.7017, 22.4343,
54.6731


319.1089,
264.8060, 421.9185

 24.3729, 14.1764,
38.7432


 67.8983, 47.4628,
98.5282


 15.7367, 8.2434,
26.2537


 89.4968, 65.0021,
127.2905

 9.4277, 4.2511,
16.7861


 115.2493, 86.4040,
161.1673

 5.0805, 1.8150,
9.9218

 145.5212,
112.0528, 200.5772

 2.3298, 0.4965,
5.2422

180.6777,
142.3331, 245.9387

 0.8099, 0.0000,
2.3288

221.0842,

 0.0000, 0.0000,

177.6291, 297.6704

0.7473

267.1062,
218.3253, 356.1909

■ 0.0000, 0.0000,
0.0000

■ 35.7017, 22.4343,
54.6731

■ 35.7017, 22.4343,
54.6731

■ 34.2111, 19.5905,
54.2031

■ 37.6266, 26.1451,
55.2882

■ 33.1168, 17.5396,
53.8649

■ 40.0149, 30.7830,
56.0576

■ 32.3785, 16.2004,
53.6453

■ 42.8962, 36.4064,
56.9911

■ 31.9460, 15.4725,
53.5276

■ 46.2966, 43.0679,
58.0977

■ 31.7966, 15.2407,
53.4907

■ 50.2408, 50.8165,
59.3854

■ 54.7515, 59.6979,
60.8620

■ 59.8505, 69.7554,
62.5345

■ 65.5581, 81.0298,
64.4099

■ 68.8197, 87.4119,
65.4698

Harmonies

Analogous

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



28.4364, 22.4343, 82.6242



35.7017, 22.4343, 54.6731



39.0965, 22.4343, 26.8870

Triad

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



35.7017, 22.4343, 54.6731



22.1656, 22.4343, 2.0827



10.8993, 22.4343, 47.9141

Complementary

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



35.7017, 22.4343, 54.6731



25.7185, 42.3586, 16.0541

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.



9.9661, 22.4343, 22.1220



35.7017, 22.4343, 54.6731



15.5076, 22.4343, 3.0332

Square

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



35.7017, 22.4343, 54.6731



30.2175, 22.4343, 3.6654



11.4397, 22.4343, 8.0918



14.3716, 22.4343, 77.3729

Rectangle

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



35.7017, 22.4343, 54.6731



38.2347, 22.4343, 14.4293



11.4397, 22.4343, 8.0918



10.3193, 22.4343, 38.2215

Sweetspot

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



35.7025, 22.4353, 54.6736



82.4515, 75.2403, 104.7849



17.7818, 13.6464, 53.9217



17.3714, 15.5623, 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.



35.7025, 22.4353, 54.6736



61.5371, 34.6619, 98.0548



31.4126, 20.7790, 29.3874



10.4783, 10.2377, 12.7086



20.4392, 9.7972, 34.3704



0.8891, 0.4264, 1.4853

Inverse Universe

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



28.1008, 19.4543, 11.9477



46.4616, 28.7630, 12.7347



28.3817, 43.4017, 31.0794



10.0806, 10.0808, 10.5149



14.6438, 7.5473, 0.7703



0.6354, 0.3272, 0.0473

Previews

White Background



This preview shows how the XYZ color 35.7017, 22.4343, 54.6731 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 35.7017, 22.4343, 54.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

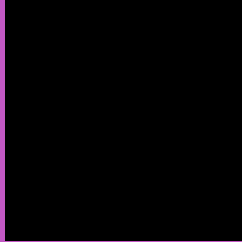
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7017, 22.4343, 54.6731

Background



This preview shows how black text looks on a background with the XYZ color 35.7017, 22.4343, 54.6731.



This preview shows how white text looks on a background with the XYZ color 35.7017, 22.4343,

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

35.7017, 22.4343, 54.6731

Protanopia

25.5805, 22.7873, 78.6515

Deuteranopia

23.3523, 22.8275, 51.3195



Tritanopia

28.4467, 22.4120, 19.6563

Trichromacy



Original Color

35.7017, 22.4343, 54.6731



Protanomaly

26.7284, 21.0832, 68.9904



Deuteranomaly

26.2926, 21.5562, 52.6442



Tritanomaly

30.5810, 22.0740, 29.8430

Monochromacy



Original Color

35.7017, 22.4343, 54.6731



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

25.6794, 21.8259, 33.8697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7017, 22.4343, 54.6731 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(194, 88, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 88, 196)  
}
```

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(194, 88, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 88, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.7017, 22.4343, 54.6731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

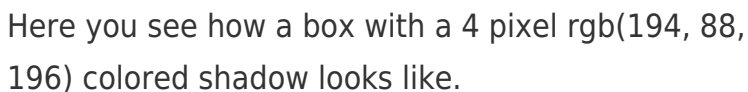
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 88, 196) }
```


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

```
.border{ border-color:rgb(194, 88, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 88, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 88, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 88, 196); box-shadow:4px 4px 4px 4px rgb(194, 88, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7017, 22.4343, 54.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 88, 196) }
```

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

```
.background{ background-color: rgb(194, 88,  
196) }
```

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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