

Converting Colors

XYZ(34.2694, 25.2892, 32.7809)

Have a look what the booklet for
XYZ(34.2694, 25.2892, 32.7809)
contains.

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Color

**XYZ(34.2694, 25.2892,
32.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	C56E98
RGB	197, 110, 152
RGB Percent	77%, 43%, 60%
CMY	0.2274, 0.5686, 0.4039
CMYK	0.00, 0.44, 0.23, 0.23
HSL	331°, 43%, 60%
HSV	331°, 44%, 77%
XYZ	34.2694, 25.2892, 32.7809
YIQ	140.8010, 38.3700, 31.5060

Conversions

Conversions Part 2

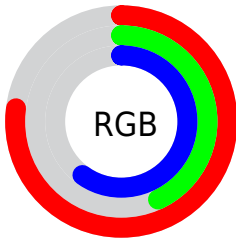
Format	Color
R_{YB}	197, 110, 152
Decimal	12938904
CIE _{Lab}	57.36, 39.68, -7.57
CIE _{LCh}	57, 40.396, 349.201
Yxy	25.2892, 0.3711, 0.2739
Android (android.graphics.Color)	4291128984 (0xFFC56E98)
YUV	140.8010, 5.5211, 49.2865
Hunter-Lab	50.2884, 33.6356, -3.4468

Details

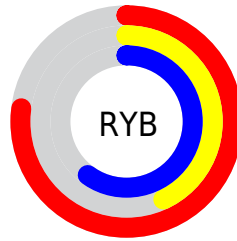
The XYZ color **34.2694, 25.2892, 32.7809** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.3142, 45.6148, 38.1139**, and the grayscale version is **25.2088, 26.5216, 28.8821**.

A 20% lighter version of the original color is **65.4778, 51.9106, 64.9612**, and **14.8974, 9.7302, 13.4049** is the 20% darker color. If you saturate the color by 10%, you get **31.5763, 21.1816, 27.9409**, and if you desaturate by 10%, it is **37.5081, 30.3728, 38.1571**.

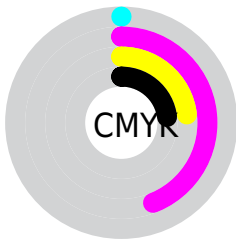
Distribution



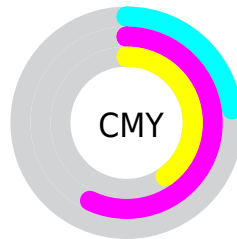
- Red (77%)
- Green (43%)
- Blue (60%)



- Red (77%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2694, 25.2892, 32.7809 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 34.2694, 25.2892, 32.7809 by changing the saturation by 10% instead.

 34.2694, 25.2892,
32.7809


 34.2694, 25.2892,
32.7809


312.8964,
279.2751, 329.2630


 23.2645, 16.2927,
21.6889


 65.6939, 52.1260,
65.1454


 14.9107, 9.7315,
13.4324


 86.8442, 70.7350,
87.2549

 8.8426, 5.2213,
7.5927

 112.1071, 93.3170,
113.8741

 4.6950, 2.3777,
3.7515

 141.8478,
120.2564, 145.4214

 2.1023, 0.8144,
1.4900

176.4317,
151.9375, 182.3154

 0.6905, 0.0000,
0.2105

216.2242,

 0.0000, 0.0000,

188.7447, 224.9747

0.0000

261.5907,
231.0624, 273.8177

■ 34.2694, 25.2892,
32.7809

■ 34.2694, 25.2892,
32.7809

■ 31.5763, 21.1816,
27.9409

■ 37.5081, 30.3728,
38.1571

■ 29.3932, 17.9824,
23.6156

■ 41.3208, 36.4870,
44.0868

■ 27.6834, 15.6208,
19.7838

■ 45.7363, 43.6866,
50.5880

■ 26.4039, 14.0141,
16.4217

■ 50.7809, 52.0216,
57.6774

■ 25.5030, 13.0620,
13.5018

■ 56.4791, 61.5385,
65.3711

■ 25.0961, 12.6984,
11.9783

■ 62.8543, 72.2817,
73.6842

■ 69.9286, 84.2928,
82.6315

■ 73.5688, 89.3035,
90.8423

■ 75.0715, 89.9046,
98.7558

Harmonies

Analogous

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



31.7070, 25.2892, 48.6237



34.2694, 25.2892, 32.7809



33.8288, 25.2892, 19.7378

Triad

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



34.2694, 25.2892, 32.7809



21.1322, 25.2892, 9.3789



18.5055, 25.2892, 52.7274

Complementary

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



34.2694, 25.2892, 32.7809



32.3142, 45.6148, 38.1139

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.



16.3439, 25.2892, 37.1565



34.2694, 25.2892, 32.7809



17.7153, 25.2892, 13.6434

Square

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



34.2694, 25.2892, 32.7809



25.8044, 25.2892, 8.8993



16.0752, 25.2892, 22.8821



22.3515, 25.2892, 62.4347

Rectangle

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



34.2694, 25.2892, 32.7809



31.9060, 25.2892, 13.9994



16.0752, 25.2892, 22.8821



17.5809, 25.2892, 47.8048

Sweetspot

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



34.2701, 25.2904, 32.7814



82.7324, 79.5873, 91.7768



29.1631, 22.1482, 55.5615



17.3030, 16.3699, 19.0613



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.



34.2701, 25.2904, 32.7814



56.7051, 38.1635, 50.3272



31.5751, 24.4648, 17.8114



10.8436, 10.7208, 12.1596



16.5486, 8.3690, 8.0988



0.8201, 0.4109, 0.5760

Inverse Universe

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



34.2701, 25.2904, 32.7814



56.7051, 38.1635, 50.3272



36.1479, 46.6239, 59.9177



10.8436, 10.7208, 12.1596



16.5486, 8.3690, 8.0988



0.8201, 0.4109, 0.5760

Previews

White Background



This preview shows how the XYZ color 34.2694, 25.2892, 32.7809 looks on a white background.

Color Contrast Check

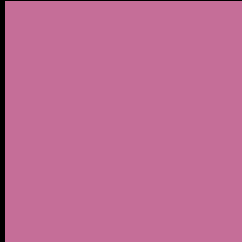
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2694, 25.2892, 32.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

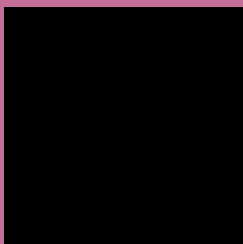
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2694, 25.2892, 32.7809

Background



This preview shows how black text looks on a background with the XYZ color 34.2694, 25.2892, 32.7809.



This preview shows how white text looks on a background with the XYZ color 34.2694, 25.2892,

32.7809.

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

34.2694, 25.2892, 32.7809

Protanopia

25.5614, 25.6189, 41.6279

Deuteranopia

25.9030, 25.3914, 31.5528



Tritanopia

32.0170, 25.1860, 22.2427

Trichromacy



Original Color

34.2694, 25.2892, 32.7809

Protanomaly

27.7178, 24.7916, 37.9747

Deuteranomaly

28.2755, 24.8365, 31.7374

Tritanomaly

32.7139, 25.1336, 25.6813

Monochromacy



Original Color

34.2694, 25.2892, 32.7809

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.7914, 25.5867, 30.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2694, 25.2892, 32.7809 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, 110, 152)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 152)  
}
```

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, 110, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.2694, 25.2892, 32.7809 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, 110, 152) }
```


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

```
.border{ border-color:rgb(197, 110, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 110, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 110, 152);  
box-shadow:4px 4px 4px 4px rgb(197, 110,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2694, 25.2892, 32.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 152) }
```

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

```
.background{ background-color: rgb(197,  
110, 152) }
```

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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