

Converting Colors

XYZ(34.2091, 25.6554, 22.7019)

Have a look what the booklet for
XYZ(34.2091, 25.6554, 22.7019)
contains.

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Color

**XYZ(34.2880, 25.6869,
22.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6F7D
RGB	204, 111, 125
RGB Percent	80%, 44%, 49%
CMY	0.2000, 0.5647, 0.5098
CMYK	0.00, 0.46, 0.39, 0.20
HSL	351°, 48%, 62%
HSV	351°, 46%, 80%
XYZ	34.2880, 25.6869, 22.5529
YIQ	140.4030, 50.9340, 24.0700

Conversions

Conversions Part 2

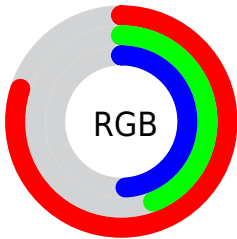
Format	Color
R_{YB}	204, 111, 125
Decimal	13397885
CIE _{Lab}	57.74, 38.10, 8.80
CIE _{LCh}	58, 39.100, 13.009
Yxy	25.6869, 0.4155, 0.3113
Android (android.graphics.Color)	4291587965 (0xFFCC6F7D)
YUV	140.4030, -7.5937, 55.7746
Hunter-Lab	50.6822, 32.0665, 9.0943

Details

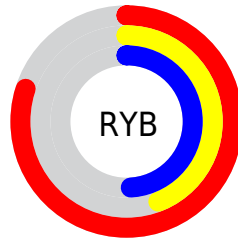
The XYZ color **34.2880, 25.6869, 22.5529** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4440, 50.2837, 56.4504**, and the grayscale version is **25.0995, 26.4066, 28.7568**.

A 20% lighter version of the original color is **62.4513, 50.9852, 48.1446**, and **14.9530, 9.9566, 7.9712** is the 20% darker color. If you saturate the color by 10%, you get **31.2986, 21.3280, 16.5628**, and if you desaturate by 10%, it is **37.9802, 31.1421, 29.7308**.

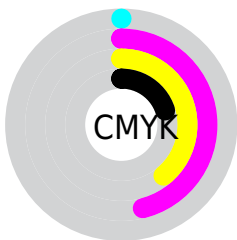
Distribution



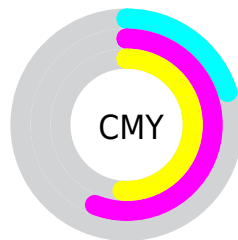
- Red (80%)
- Green (44%)
- Blue (49%)



- Red (80%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2880, 25.6869, 22.5529 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 34.2880, 25.6869, 22.5529 by changing the saturation by 10% instead.


 34.2880, 25.6869,
22.5529


 34.2880, 25.6869,
22.5529

312.9777,
281.2417, 278.4673


 23.2789, 16.5896,
14.0615


 65.7226, 52.7694,
48.5720


 14.9214, 9.9423,
8.0242


 86.8788, 71.5234,
66.9368

 8.8502, 5.3607,
4.0225


 112.1480, 94.2650,
89.4298

 4.6999, 2.4604,
1.6377

 141.8957,
121.3786, 116.4696

 2.1052, 0.8567,
0.3175

176.4872,
153.2487, 148.4747

 0.6921, 0.0000,
0.0000

216.2877,

 0.0000, 0.0000,

190.2597, 185.8637

0.0000

261.6628,
232.7959, 229.0550

■ 34.2880, 25.6869,
22.5529

■ 34.2880, 25.6869,
22.5529

■ 31.2986, 21.3280,
16.5628

■ 37.9802, 31.1421,
29.7308

■ 28.9650, 17.9875,
11.6944

■ 42.4141, 37.7570,
38.1546

■ 27.2372, 15.5832,
7.8775


■ 47.6285, 45.5948,
47.8804


■ 26.0573, 14.0186,
5.0331

■ 53.6585, 54.7127,
58.9604

■ 25.3552, 13.1751,
3.0702

■ 60.5372, 65.1646,
71.4438

 25.1453, 12.9348,
2.4471

 68.2959, 77.0013,
85.3776

 76.9644, 90.2707,
100.8063

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



34.0851, 25.6869, 36.2076



34.2880, 25.6869, 22.5529



31.6139, 25.6869, 13.8012

Triad

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



34.2880, 25.6869, 22.5529



18.7699, 25.6869, 13.0244



21.8751, 25.6869, 60.6171

Complementary

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



34.2880, 25.6869, 22.5529



37.4440, 50.2837, 56.4504

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.



18.4008, 25.6869, 49.5210



34.2880, 25.6869, 22.5529



16.7717, 25.6869, 21.0852

Square

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



34.2880, 25.6869, 22.5529



22.4421, 25.6869, 9.6076



16.6458, 25.6869, 34.1887



26.4995, 25.6869, 61.3978

Rectangle

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



34.2880, 25.6869, 22.5529



28.7366, 25.6869, 10.7004



16.6458, 25.6869, 34.1887



20.5493, 25.6869, 57.8397

Sweetspot

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



34.2887, 25.6882, 22.5534



80.1958, 77.4981, 81.7321



37.4469, 26.4849, 60.2653



16.7281, 15.9285, 16.6854



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.



34.2887, 25.6882, 22.5534



51.7760, 35.2380, 27.3119



37.4450, 33.3324, 19.5008



11.2800, 11.2407, 12.0091



15.8484, 8.1499, 1.6544



0.8401, 0.4295, 0.2039

Inverse Universe

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



34.2887, 25.6882, 22.5534



51.7760, 35.2380, 27.3119



32.3993, 37.6274, 62.6821



11.2800, 11.2407, 12.0091



15.8484, 8.1499, 1.6544



0.8401, 0.4295, 0.2039

Previews

White Background



This preview shows how the XYZ color 34.2880, 25.6869, 22.5529 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 34.2880, 25.6869, 22.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

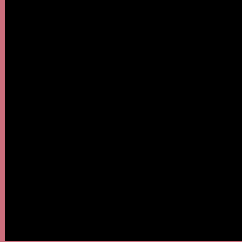
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2880, 25.6869, 22.5529

Background



This preview shows how black text looks on a background with the XYZ color 34.2880, 25.6869, 22.5529.



This preview shows how white text looks on a background with the XYZ color 34.2880, 25.6869,

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

34.2880, 25.6869, 22.5529

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.2744, 25.8016, 21.6846



Tritanopia

34.0862, 25.7818, 20.9491

Trichromacy



Original Color

34.2880, 25.6869, 22.5529

Protanomaly

27.4022, 25.0801, 26.3184

Deuteranomaly

28.6529, 25.4408, 21.8127

Tritanomaly

34.2089, 25.8309, 21.5952

Monochromacy



Original Color

34.2880, 25.6869, 22.5529

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.3277, 25.2363, 26.3524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2880, 25.6869, 22.5529 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(204, 111, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 111, 125)  
}
```

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(204, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 111, 125) }
```

Border

The CSS property to change the border of an element to XYZ 34.2880, 25.6869, 22.5529 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(204, 111, 125) }
```


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

```
.border{ border-color:rgb(204, 111, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 111, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 111,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2880, 25.6869, 22.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 111, 125) }
```

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

```
.background{ background-color: rgb(204,  
111, 125) }
```

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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