

Converting Colors

XYZ(33.8494, 25.3652, 33.4691)

Have a look what the booklet for
XYZ(33.8494, 25.3652, 33.4691)
contains.

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Color

**XYZ(33.8750, 25.3908,
33.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	C2709A
RGB	194, 112, 154
RGB Percent	76%, 44%, 60%
CMY	0.2392, 0.5608, 0.3961
CMYK	0.00, 0.42, 0.21, 0.24
HSL	329°, 40%, 60%
HSV	329°, 42%, 76%
XYZ	33.8750, 25.3908, 33.6873
YIQ	141.3060, 35.3900, 30.4460

Conversions

Conversions Part 2

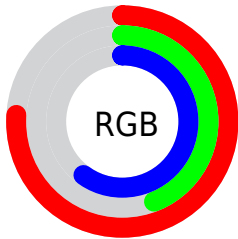
Format	Color
RYB	194, 112, 154
Decimal	12742810
CIELab	57.45, 37.89, -8.62
CIELCh	57, 38.857, 347.177
Yxy	25.3908, 0.3644, 0.2732
Android (android.graphics.Color)	4290932890 (0xFFC2709A)
YUV	141.3060, 6.2581, 46.2126
Hunter-Lab	50.3893, 31.8182, -4.3653

Details

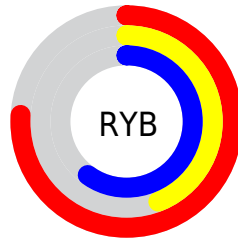
The XYZ color **33.8750, 25.3908, 33.6873** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.6425, 44.2959, 36.5902**, and the grayscale version is **25.4047, 26.7277, 29.1065**.

A 20% lighter version of the original color is **64.9852, 52.1598, 66.3173**, and **14.5982, 9.7200, 13.9387** is the 20% darker color. If you saturate the color by 10%, you get **31.2032, 21.2590, 29.0599**, and if you desaturate by 10%, it is **37.0716, 30.4721, 38.7968**.

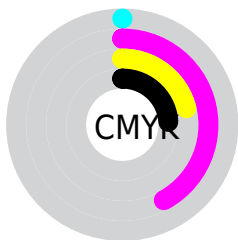
Distribution



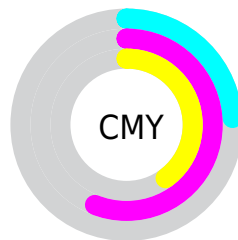
- Red (76%)
- Green (44%)
- Blue (60%)



- Red (76%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8750, 25.3908, 33.6873 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 33.8750, 25.3908, 33.6873 by changing the saturation by 10% instead.

 33.8750, 25.3908,
33.6873


 33.8750, 25.3908,
33.6873


311.1701,
279.7786, 333.4620


 22.9600, 16.3685,
22.3781

 65.0848, 52.2905,
66.5754


 14.6845, 9.7853,
13.9340


 86.1104, 70.9367,
88.9914

 8.6831, 5.2568,
7.9365


 111.2368, 93.5595,
115.9467

 4.5905, 2.3987,
3.9672

 140.8295,
120.5435, 147.8599

 2.0413, 0.8252,
1.6074

175.2539,
152.2730, 185.1494

 0.6570, 0.0000,
0.2961

214.8751,

 0.0000, 0.0000,

189.1325, 228.2339

0.0000

260.0588,
231.5062, 277.5319

■ 33.8750, 25.3908,
33.6873

■ 33.8750, 25.3908,
33.6873

■ 31.2032, 21.2590,
29.0599

■ 37.0716, 30.4721,
38.7968

■ 29.0226, 18.0128,
24.8957

■ 40.8194, 36.5544,
44.4032

■ 27.2990, 15.5859,
21.1761


■ 45.1456, 43.6896,
50.5224


■ 25.9927, 13.9011,
17.8804


■ 50.0748, 51.9250,
57.1691


■ 25.0562, 12.8660,
14.9848


■ 55.6304, 61.3051,
64.3571

 24.5176, 12.3771,
12.9918

 61.8341, 71.8719,
72.0999

 68.7070, 83.6651,
80.4103

 72.2507, 88.6864,
87.9613

 73.6142, 89.2318,
95.1413

Harmonies

Analogous

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



31.2544, 25.3908, 48.8016



33.8750, 25.3908, 33.6873



33.6565, 25.3908, 20.7916

Triad

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



33.8750, 25.3908, 33.6873



21.6031, 25.3908, 9.7646



18.5833, 25.3908, 50.8256

Complementary

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



33.8750, 25.3908, 33.6873



31.6425, 44.2959, 36.5902

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.



16.6006, 25.3908, 35.8628



33.8750, 25.3908, 33.6873



18.1852, 25.3908, 13.7057

Square

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



33.8750, 25.3908, 33.6873



26.1594, 25.3908, 9.5167



16.4649, 25.3908, 22.3744



22.2144, 25.3908, 60.6216

Rectangle

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



33.8750, 25.3908, 33.6873



31.9276, 25.3908, 14.9440



16.4649, 25.3908, 22.3744



17.7233, 25.3908, 46.0503

Sweetspot

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



33.8757, 25.3920, 33.6878



81.0090, 77.8545, 90.4503



28.4133, 22.1249, 53.8121



17.3384, 16.3841, 19.2477



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.



33.8757, 25.3920, 33.6878



56.7334, 38.8220, 53.0135



31.0446, 24.2595, 18.7791



10.2837, 10.1621, 11.5844



16.1612, 8.1542, 8.7607



0.7330, 0.3662, 0.5615

Inverse Universe

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



33.8757, 25.3920, 33.6878



56.7334, 38.8220, 53.0135



35.5594, 45.8627, 57.2163



10.2837, 10.1621, 11.5844



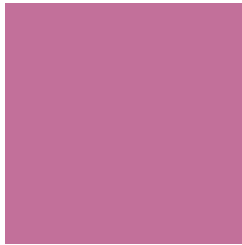
16.1612, 8.1542, 8.7607



0.7330, 0.3662, 0.5615

Previews

White Background



This preview shows how the XYZ color 33.8750, 25.3908, 33.6873 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 33.8750, 25.3908, 33.6873 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 33.8750, 25.3908, 33.6873

Background



This preview shows how black text looks on a background with the XYZ color 33.8750, 25.3908, 33.6873.



This preview shows how white text looks on a background with the XYZ color 33.8750, 25.3908,

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

33.8750, 25.3908, 33.6873

Protanopia

25.6564, 25.6569, 42.1281

Deuteranopia

26.0231, 25.6409, 32.4318



Tritanopia

31.6130, 25.3053, 22.9569

Trichromacy



Original Color

33.8750, 25.3908, 33.6873

Protanomaly

27.8371, 25.0250, 38.9604

Deuteranomaly

28.2795, 25.1996, 32.6517

Tritanomaly

32.3129, 25.2455, 26.4623

Monochromacy



Original Color

33.8750, 25.3908, 33.6873

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6681, 25.5142, 30.6606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8750, 25.3908, 33.6873 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, 112, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 154)  
}
```

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, 112, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.8750, 25.3908, 33.6873 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, 112, 154) }
```


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

```
.border{ border-color:rgb(194, 112, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8750, 25.3908, 33.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 154) }
```

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

```
.background{ background-color: rgb(194,  
112, 154) }
```

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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