

Converting Colors

XYZ(33.7857, 26.7846, 21.6516)

Have a look what the booklet for
XYZ(33.7857, 26.7846, 21.6516)
contains.

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Color

**XYZ(33.9291, 26.8782,
21.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	C8777A
RGB	200, 119, 122
RGB Percent	78%, 47%, 48%
CMY	0.2157, 0.5333, 0.5216
CMYK	0.00, 0.40, 0.39, 0.22
HSL	358°, 42%, 63%
HSV	358°, 40%, 78%
XYZ	33.9291, 26.8782, 21.8121
YIQ	143.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

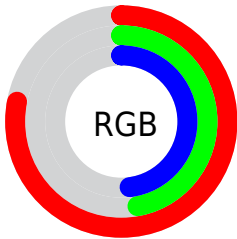
Format	Color
R_{YB}	200, 119, 122
Decimal	13137786
CIE _{Lab}	58.86, 32.01, 12.05
CIE _{LCh}	59, 34.203, 20.624
Yxy	26.8782, 0.4107, 0.3253
Android (android.graphics.Color)	4291327866 (0xFFC8777A)
YUV	143.5610, -10.6296, 49.4970
Hunter-Lab	51.8442, 26.0909, 11.3462

Details

The XYZ color **33.9291, 26.8782, 21.8121** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.3414, 49.2623, 60.3140**, and the grayscale version is **26.3616, 27.7344, 30.2028**.

A 20% lighter version of the original color is **63.6325, 53.8210, 47.0791**, and **14.6584, 10.5769, 7.5723** is the 20% darker color. If you saturate the color by 10%, you get **30.7169, 22.1782, 15.4256**, and if you desaturate by 10%, it is **37.8800, 32.6771, 29.6122**.

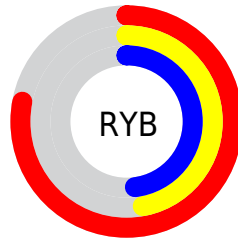
Distribution



Red (78%)

Green (47%)

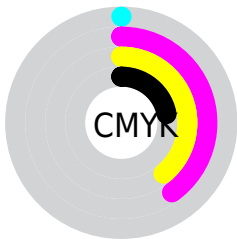
Blue (48%)



Red (78%)

Yellow (47%)

Blue (48%)

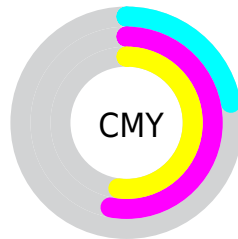


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9291, 26.8782, 21.8121 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 33.9291, 26.8782, 21.8121 by changing the saturation by 10% instead.

■ 33.9291, 26.8782,
21.8121

■ 33.9291, 26.8782,
21.8121

311.4073,
287.0669, 274.4849

■ 23.0018, 17.4818,
13.5219

■ 65.1684, 54.6884,
47.3334

■ 14.7155, 10.5786,
7.6540

■ 86.2111, 73.8709,
65.4017

■ 8.7050, 5.7842,
3.7898

■ 111.3563, 97.0842,
87.5663

■ 4.6048, 2.7143,
1.5107

140.9694,
124.7127, 114.2459

■ 2.0497, 0.9845,
0.2259

175.4156,
157.1409, 145.8591

■ 0.6616, 0.0000,
0.0000

215.0605,

■ 0.0000, 0.0000,

194.7530, 182.8242

0.0000

260.2692,
237.9336, 225.5600

■ 33.9291, 26.8782,
21.8121

■ 33.9291, 26.8782,
21.8121

■ 30.7169, 22.1782,
15.4256

■ 37.8800, 32.6771,
29.6122

■ 28.1957, 18.5041,
10.3667

■ 42.6094, 39.6340,
38.9018

■ 26.3153, 15.7805,
6.5423


■ 48.1567, 47.8083,
49.7535


■ 25.0180, 13.9199,
3.8467


■ 54.5579, 57.2543,
62.2344

■ 24.2355, 12.8185,
2.1566

■ 61.8470, 68.0232,
76.4078

 23.8599, 12.2955,
1.3281

 70.0561, 80.1631,
92.3336

 77.6294, 91.0193,
108.0847

Harmonies

Analogous

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



34.4294, 26.8782, 33.2221



33.9291, 26.8782, 21.8121



31.0549, 26.8782, 14.7140

Triad

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



33.9291, 26.8782, 21.8121



19.7679, 26.8782, 16.8482



24.2462, 26.8782, 58.7449

Complementary

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



33.9291, 26.8782, 21.8121



38.3414, 49.2623, 60.3140

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.



20.7320, 26.8782, 51.1852



33.9291, 26.8782, 21.8121



18.3408, 26.8782, 25.6367

Square

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



33.9291, 26.8782, 21.8121



22.7910, 26.8782, 12.4452



18.6732, 26.8782, 38.2492



28.5165, 26.8782, 56.8869

Rectangle

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



33.9291, 26.8782, 21.8121



28.3380, 26.8782, 12.3474



18.6732, 26.8782, 38.2492



22.9454, 26.8782, 57.1571

Sweetspot

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



33.9298, 26.8795, 21.8126



81.6665, 80.2519, 82.8008



39.7748, 29.0942, 58.1629



17.1967, 16.7596, 17.1691



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.



33.9298, 26.8795, 21.8126



53.5793, 38.9786, 27.4999



38.9464, 37.2052, 22.5832



10.6495, 10.6432, 11.1375



15.1783, 7.8209, 0.8829



0.7244, 0.3726, 0.0716

Inverse Universe

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



33.9298, 26.8795, 21.8126



53.5793, 38.9786, 27.4999



31.2294, 34.4835, 59.6535



10.6495, 10.6432, 11.1375



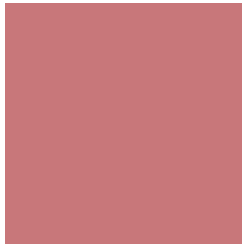
15.1783, 7.8209, 0.8829



0.7244, 0.3726, 0.0716

Previews

White Background



This preview shows how the XYZ color 33.9291, 26.8782, 21.8121 looks on a white background.

Color Contrast Check

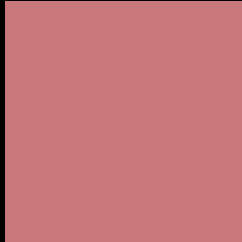
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9291, 26.8782, 21.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

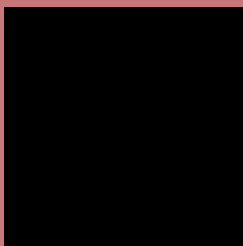
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9291, 26.8782, 21.8121

Background



This preview shows how black text looks on a background with the XYZ color 33.9291, 26.8782, 21.8121.



This preview shows how white text looks on a background with the XYZ color 33.9291, 26.8782,

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

33.9291, 26.8782, 21.8121

Protanopia

26.0087, 27.2703, 26.4471

Deuteranopia

27.5853, 27.1157, 21.2327



Tritanopia

34.1286, 26.7685, 23.4467

Trichromacy



Original Color

33.9291, 26.8782, 21.8121

Protanomaly

28.2802, 26.7689, 24.7955

Deuteranomaly

29.5043, 26.6684, 21.3618

Tritanomaly

33.9995, 26.7169, 22.7669

Monochromacy



Original Color

33.9291, 26.8782, 21.8121

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4177, 26.9980, 27.0059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9291, 26.8782, 21.8121 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(200, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(200, 119, 122)  
}
```

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(200, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 33.9291, 26.8782, 21.8121 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(200, 119, 122) }
```


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

```
.border{ border-color:rgb(200, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(200, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9291, 26.8782, 21.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 119, 122) }
```

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

```
.background{ background-color: rgb(200,  
119, 122) }
```

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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