

Converting Colors

XYZ(35.8258, 30.0369, 22.3452)

Have a look what the booklet for
XYZ(35.8258, 30.0369, 22.3452)
contains.

XYZ(35.9863, 30.1943, 22.3438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9863, 30.1943,
22.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	CA837A
RGB	202, 131, 122
RGB Percent	79%, 51%, 48%
CMY	0.2078, 0.4863, 0.5216
CMYK	0.00, 0.35, 0.40, 0.21
HSL	7°, 43%, 64%
HSV	7°, 40%, 79%
XYZ	35.9863, 30.1943, 22.3438
YIQ	151.2030, 45.2050, 12.2530

Conversions

Conversions Part 2

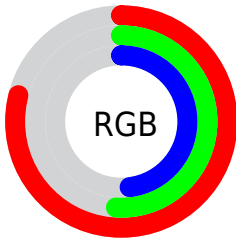
Format	Color
R _Y B	202, 132, 122
Decimal	13271930
CIE Lab	61.82, 26.28, 16.21
CIE LCh	62, 30.876, 31.663
Yxy	30.1943, 0.4065, 0.3411
Android (android.graphics.Color)	4291462010 (0xFFCA837A)
YUV	151.2030, -14.3971, 44.5490
Hunter-Lab	54.9493, 20.7382, 14.3557

Details

The XYZ color **35.9863, 30.1943, 22.3438** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7559, 46.5400, 62.8703**, and the grayscale version is **29.5492, 31.0881, 33.8549**.

A 20% lighter version of the original color is **66.2289, 59.0139, 47.9446**, and **15.9991, 12.4769, 7.8684** is the 20% darker color. If you saturate the color by 10%, you get **32.6595, 25.3398, 15.6885**, and if you desaturate by 10%, it is **39.9914, 35.9889, 30.5092**.

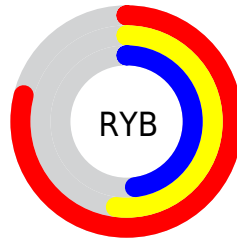
Distribution



Red (79%)

Green (51%)

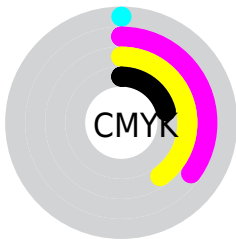
Blue (48%)



Red (79%)

Yellow (52%)

Blue (48%)

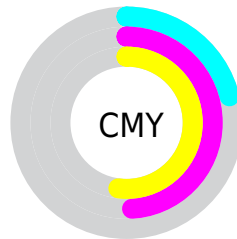


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9863, 30.1943, 22.3438 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 35.9863, 30.1943, 22.3438 by changing the saturation by 10% instead.


 35.9863, 30.1943,
22.3438


 35.9863, 30.1943,
22.3438


320.3329,
302.8091, 277.3483


 24.5937, 19.9861,
13.9090


 68.3349, 59.9693,
48.2230

 15.9017, 12.3850,
7.9194


 90.0216, 80.3049,
66.5045

 9.5450, 7.0064,
3.9564


 115.8704,
104.7852, 88.9054

 5.1583, 3.4661,
1.6014

146.2467,
133.7944, 115.8441

 2.3761, 1.3796,
0.2918

181.5157,
167.7170, 147.7392

 0.8332, 0.2017,
0.0000

222.0428,

 0.0000, 0.0000,

206.9374, 185.0092

0.0000

268.1934,
251.8399, 228.0728

■ 35.9863, 30.1943,
22.3438

■ 35.9863, 30.1943,
22.3438

■ 32.6595, 25.3398,
15.6885

■ 39.9914, 35.9889,
30.5092

■ 29.9709, 21.3716,
10.4488

■ 44.7072, 42.7650,
40.2679

■ 27.8800, 18.2373,
6.5225

■ 50.1669, 50.5668,
51.6987

■ 26.3403, 15.8769,
3.7925

■ 56.4007, 59.4344,
64.8751

■ 25.2984, 14.2225,
2.1214

■ 63.4374, 69.4060,
79.8661

■ 24.6769, 13.1890,
1.2681

■ 71.3042, 80.5177,
96.7368

■ 24.6583, 13.1589,
1.2403

■ 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



37.3715, 30.1943, 32.2221



35.9863, 30.1943, 22.3438



32.6271, 30.1943, 16.6728

Triad

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



35.9863, 30.1943, 22.3438



22.2734, 30.1943, 23.2374



28.9294, 30.1943, 61.1817

Complementary

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



35.9863, 30.1943, 22.3438



37.7559, 46.5400, 62.8703

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.



25.0991, 30.1943, 57.1724



35.9863, 30.1943, 22.3438



21.4837, 30.1943, 33.5396

Square

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



35.9863, 30.1943, 22.3438



24.7366, 30.1943, 17.0952



22.4682, 30.1943, 46.2874



33.0630, 30.1943, 56.2251

Rectangle

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



35.9863, 30.1943, 22.3438



29.8632, 30.1943, 15.1450



22.4682, 30.1943, 46.2874



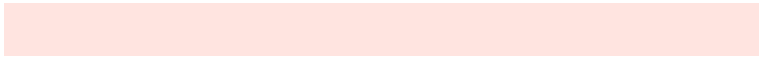
27.5650, 30.1943, 60.8340

Sweetspot

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



35.9871, 30.1958, 22.3444



82.4494, 82.0646, 82.3003



41.0544, 30.3710, 54.7374



17.3791, 17.1819, 17.0526



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.



35.9871, 30.1958, 22.3444



55.7831, 43.6165, 27.5244



42.2449, 42.7114, 24.4303



11.3123, 11.4136, 11.6863



15.9006, 8.5342, 0.8092



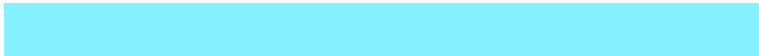
0.8553, 0.5103, 0.0534

Inverse Universe

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



37.7559, 46.5400, 62.8703



59.1813, 75.2170, 106.0069



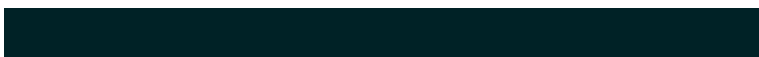
30.2426, 31.5134, 60.3659



11.4313, 12.5030, 14.3812



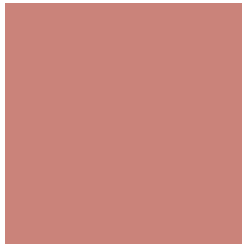
17.3084, 23.6408, 39.6071



0.9244, 1.2825, 2.0538

Previews

White Background



This preview shows how the XYZ color 35.9863, 30.1943, 22.3438 looks on a white background.

Color Contrast Check

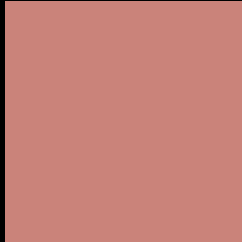
Large Text (above 18pt) WCAG AA × Fail

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 35.9863, 30.1943, 22.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

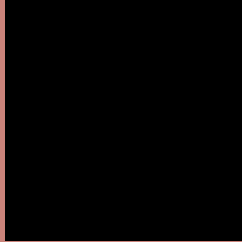
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9863, 30.1943, 22.3438

Background



This preview shows how black text looks on a background with the XYZ color 35.9863, 30.1943, 22.3438.



This preview shows how white text looks on a background with the XYZ color 35.9863, 30.1943,

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

35.9863, 30.1943, 22.3438

Protanopia

28.7488, 30.3017, 25.8063

Deuteranopia

30.8190, 30.3013, 21.9937



Tritanopia

37.0663, 30.2320, 27.9265

Trichromacy



Original Color

35.9863, 30.1943, 22.3438

Protanomaly

30.8029, 29.7888, 24.5484

Deuteranomaly

32.4510, 30.0361, 22.1763

Tritanomaly

36.7761, 30.3277, 25.7453

Monochromacy



Original Color

35.9863, 30.1943, 22.3438

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.2844, 30.3860, 29.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9863, 30.1943, 22.3438 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(202, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(202, 131, 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(202, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 131, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.9863, 30.1943, 22.3438 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(202, 131, 122) }
```


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

```
.border{ border-color:rgb(202, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(202, 131,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9863, 30.1943, 22.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 131, 122) }
```

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

```
.background{ background-color: rgb(202,  
131, 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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