

Converting Colors

XYZ(38.9206, 32.8193, 27.9542)

Have a look what the booklet for
XYZ(38.9206, 32.8193, 27.9542)
contains.

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Color

**XYZ(38.9146, 32.8193,
27.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8989
RGB	206, 137, 137
RGB Percent	81%, 54%, 54%
CMY	0.1922, 0.4627, 0.4627
CMYK	0.00, 0.33, 0.33, 0.19
HSL	0°, 41%, 67%
HSV	0°, 33%, 81%
XYZ	38.9146, 32.8193, 27.9506
YIQ	157.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

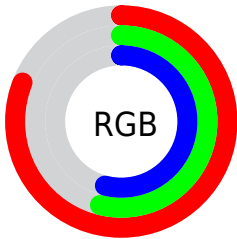
Format	Color
R_{YB}	206, 137, 137
Decimal	13535625
CIE Lab	64.01, 26.38, 10.85
CIE LCh	64, 28.528, 22.349
Yxy	32.8193, 0.3904, 0.3292
Android (android.graphics.Color)	4291725705 (0xFFCE8989)
YUV	157.6310, -10.1711, 42.4196
Hunter-Lab	57.2881, 20.9970, 11.1744

Details

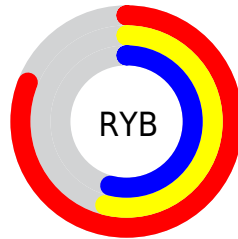
The XYZ color **38.9146, 32.8193, 27.9506** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5274, 53.9150, 66.5050**, and the grayscale version is **32.3646, 34.0501, 37.0806**.

A 20% lighter version of the original color is **69.1651, 62.2393, 57.0832**, and **17.6258, 13.8277, 10.7569** is the 20% darker color. If you saturate the color by 10%, you get **34.9218, 26.9769, 20.0120**, and if you desaturate by 10%, it is **43.7503, 39.8956, 37.5627**.

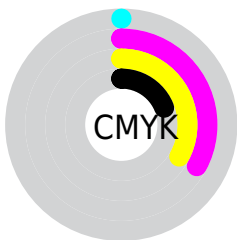
Distribution



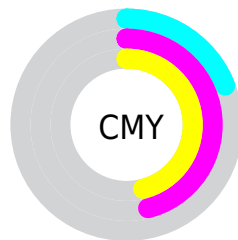
- Red (81%)
- Green (54%)
- Blue (54%)



- Red (81%)
- Yellow (54%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (19%)




- Cyan (19%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9146, 32.8193, 27.9506 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 38.9146, 32.8193, 27.9506 by changing the saturation by 10% instead.


 38.9146, 32.8193,
27.9506


 38.9146, 32.8193,
27.9506


332.7407,
314.8347, 306.1353


 26.8737, 21.9881,
18.0497


 72.8027, 64.0933,
57.4277

 17.6145, 13.8481,
10.8159


 95.3807, 85.3049,
77.8410

 10.7716, 8.0151,
5.8305


 122.2018,
110.7453, 102.5955

 5.9796, 4.1046,
2.6752

153.6313,
140.7990, 132.1098

 2.8732, 1.7323,
0.9309

190.0346,
175.8504, 166.8024

 1.0871, 0.4444,
0.0000

231.7770,

 0.0143, 0.0000,

216.2839, 207.0918

0.0000

279.2239,
262.4839, 253.3966

■ 0.0000, 0.0000,
0.0000

■ 38.9146, 32.8193,
27.9506

■ 38.9146, 32.8193,
27.9506

■ 34.9218, 26.9769,
20.0120

■ 43.7503, 39.8956,
37.5627

■ 31.7212, 22.2935,
13.6495

■ 49.4704, 48.2658,
48.9342

■ 29.2608, 18.6932,
8.7587

■ 56.1170, 57.9916,
62.1475

■ 27.4814, 16.0894,
5.2216

■ 63.7286, 69.1294,
77.2793

■ 26.3147, 14.3821,
2.9025

■ 72.3416, 81.7325,
94.4019

■ 25.6781, 13.4505,
1.6373

■ 79.2636, 91.8618,
108.1612

■ 25.4537, 13.1221,
1.1913

Harmonies

Analogous

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



39.5116, 32.8193, 38.7682



38.9146, 32.8193, 27.9506



36.1651, 32.8193, 20.8996

Triad

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



38.9146, 32.8193, 27.9506



25.4578, 32.8193, 23.8315



30.1745, 32.8193, 62.5164

Complementary

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



38.9146, 32.8193, 27.9506



43.5274, 53.9150, 66.5050

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.



26.7003, 32.8193, 56.3169



38.9146, 32.8193, 27.9506



24.1338, 32.8193, 32.8636

Square

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



38.9146, 32.8193, 27.9506



28.3420, 32.8193, 18.9027



24.5683, 32.8193, 44.8443



34.2306, 32.8193, 60.4094

Rectangle

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



38.9146, 32.8193, 27.9506



33.6002, 32.8193, 18.4991



24.5683, 32.8193, 44.8443



28.9050, 32.8193, 61.2956

Sweetspot

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



38.9155, 32.8209, 27.9512



83.6111, 83.2618, 86.1597



45.5400, 35.4696, 62.8386



17.5792, 17.3576, 17.8115



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.



38.9155, 32.8209, 27.9512



58.3821, 46.3446, 36.0053



44.6266, 44.2432, 29.8550



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0379

Inverse Universe

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



43.5274, 53.9150, 66.5050



66.9447, 85.5079, 107.5841



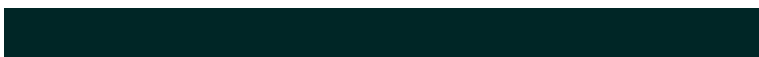
36.1149, 39.0899, 64.0342



11.5433, 12.7269, 14.4185



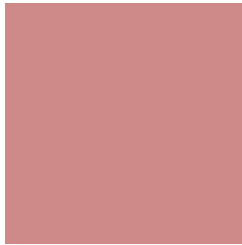
20.4488, 29.9216, 40.6540



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 38.9146, 32.8193, 27.9506 looks on a white background.

Color Contrast Check

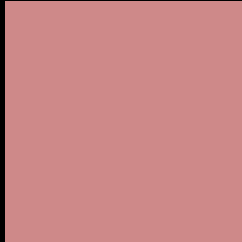
Large Text (above 18pt) WCAG AA × Fail

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 38.9146, 32.8193, 27.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

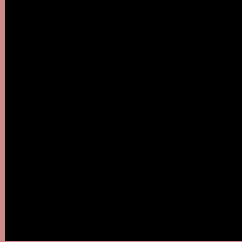
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9146, 32.8193, 27.9506

Background



This preview shows how black text looks on a background with the XYZ color 38.9146, 32.8193, 27.9506.



This preview shows how white text looks on a background with the XYZ color 38.9146, 32.8193,

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

38.9146, 32.8193, 27.9506

Protanopia

31.4069, 32.9916, 31.9068

Deuteranopia

33.6396, 33.0269, 27.5235



Tritanopia

39.7246, 32.9490, 31.4602

Trichromacy



Original Color

38.9146, 32.8193, 27.9506

Protanomaly

33.6793, 32.5101, 30.4866

Deuteranomaly

35.3084, 32.7197, 27.7471

Tritanomaly

39.4942, 32.8569, 30.2470

Monochromacy



Original Color

38.9146, 32.8193, 27.9506

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.0906, 33.1287, 33.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9146, 32.8193, 27.9506 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(206, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(206, 137, 137)  
}
```

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(206, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.9146, 32.8193, 27.9506 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(206, 137, 137) }
```


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

```
.border{ border-color:rgb(206, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(206, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9146, 32.8193, 27.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 137, 137) }
```

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

```
.background{ background-color: rgb(206,  
137, 137) }
```

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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