

Converting Colors

XYZ(38.1355, 32.4179, 19.0558)

Have a look what the booklet for
XYZ(38.1355, 32.4179, 19.0558)
contains.

XYZ(38.1970, 32.4357, 18.9994)	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(38.1970, 32.4357,
18.9994)**

Conversions

Conversions Part 1

Format	Color
Hex	D2886E
RGB	210, 136, 110
RGB Percent	82%, 53%, 43%
CMY	0.1765, 0.4666, 0.5686
CMYK	0.00, 0.35, 0.48, 0.18
HSL	16°, 53%, 63%
HSV	16°, 48%, 82%
XYZ	38.1970, 32.4357, 18.9994
YIQ	155.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

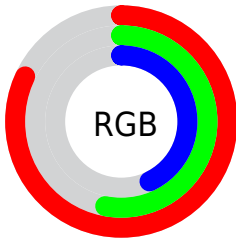
Format	Color
R _Y B	210, 145, 110
Decimal	13797486
CIE Lab	63.70, 25.44, 25.66
CIE LCh	64, 36.128, 45.244
Yxy	32.4357, 0.4262, 0.3619
Android (android.graphics.Color)	4291987566 (0xFFD2886E)
YUV	155.1620, -22.2649, 48.0929
Hunter-Lab	56.9523, 20.0504, 20.0874

Details

The XYZ color **38.1970, 32.4357, 18.9994** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2031, 42.2475, 67.2719**, and the grayscale version is **31.3074, 32.9378, 35.8693**.

A 20% lighter version of the original color is **66.1750, 60.6955, 42.4100**, and **17.0669, 13.5202, 6.2676** is the 20% darker color. If you saturate the color by 10%, you get **35.1543, 27.9683, 12.9971**, and if you desaturate by 10%, it is **41.8296, 37.6493, 26.5356**.

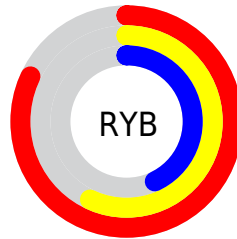
Distribution



Red (82%)

Green (53%)

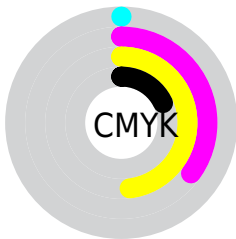
Blue (43%)



Red (82%)

Yellow (57%)

Blue (43%)

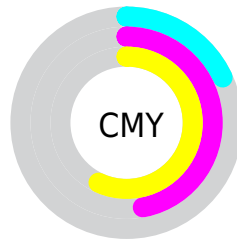


Cyan (0%)

Magenta (35%)

Yellow (48%)

Black (18%)



Cyan (18%)


Magenta (47%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1970, 32.4357, 18.9994 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 38.1970, 32.4357, 18.9994 by changing the saturation by 10% instead.


 38.1970, 32.4357,
18.9994


 38.1970, 32.4357,
18.9994


329.7306,
313.0992, 258.8681

 26.3135, 21.6945,
11.4930


 71.7119, 63.4935,
42.5698


 17.1923, 13.6326,
6.2812


 94.0741, 84.5789,
59.4709

 10.4678, 7.8656,
2.9452


 120.6599,
109.8812, 80.3406

 5.7748, 4.0091,
1.0667

 151.8347,
139.7847, 105.5975

 2.7480, 1.6786,
0.0000

187.9638,
174.6739, 135.6602

 1.0220, 0.4098,
0.0000

229.4125,

 0.0000, 0.0000,

214.9331, 170.9472

0.0000

276.5464,
260.9468, 211.8769

■ 38.1970, 32.4357,
18.9994

■ 38.1970, 32.4357,
18.9994

■ 35.1543, 27.9683,
12.9971

■ 41.8296, 37.6493,
26.5356

■ 32.6659, 24.2074,
8.4199

■ 46.0800, 43.6367,
35.7004

■ 30.6962, 21.1164,
5.1475


■ 50.9770, 50.4303,
46.5831


■ 29.2035, 18.6537,
3.0387

■ 56.5472, 58.0589,
59.2659

■ 28.1345, 16.7701,
1.8977

■ 62.8151, 66.5498,
73.8256

 27.9260, 16.3970,
1.6931

 69.8046, 75.9293,
90.3346

 77.2139, 86.0927,
107.1557

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



41.1977, 32.4357, 28.4874



38.1970, 32.4357, 18.9994



33.3734, 32.4357, 14.6480

Triad

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



38.1970, 32.4357, 18.9994



22.3476, 32.4357, 28.6866



33.4579, 32.4357, 69.5863

Complementary

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



38.1970, 32.4357, 18.9994



35.2031, 42.2475, 67.2719

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.



28.4176, 32.4357, 69.6829



38.1970, 32.4357, 18.9994



22.3649, 32.4357, 43.1591

Square

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



38.1970, 32.4357, 18.9994



24.4253, 32.4357, 19.1107



24.4755, 32.4357, 59.0206



38.2647, 32.4357, 58.7844

Rectangle

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



38.1970, 32.4357, 18.9994



29.9487, 32.4357, 14.2064



24.4755, 32.4357, 59.0206



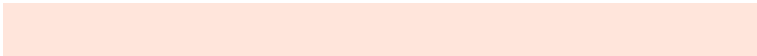
31.7267, 32.4357, 70.9523

Sweetspot

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



38.1978, 32.4373, 19.0000



81.9700, 82.1987, 78.7708



40.9114, 28.3566, 49.2162



17.1544, 17.0573, 15.9763



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.



38.1978, 32.4373, 19.0000



54.5389, 43.3851, 20.1518



46.7419, 49.5255, 21.8481



12.0551, 12.3009, 12.3510



17.1044, 10.1417, 1.0561



1.0217, 0.6978, 0.0808

Inverse Universe

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



35.2031, 42.2475, 67.2719



49.3020, 60.2428, 103.6373



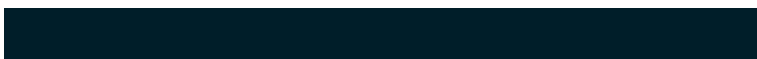
26.7275, 25.2965, 64.4468



11.8874, 12.8650, 15.1003



14.3707, 17.3880, 39.7913



0.8659, 1.0969, 2.2457

Previews

White Background



This preview shows how the XYZ color 38.1970, 32.4357, 18.9994 looks on a white background.

Color Contrast Check

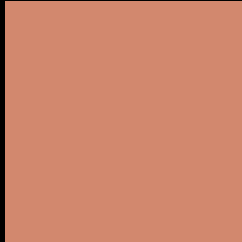
Large Text (above 18pt) WCAG AA × Fail

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 38.1970, 32.4357, 18.9994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

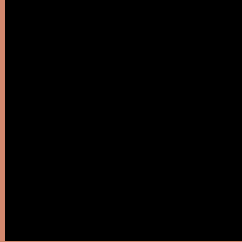
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1970, 32.4357, 18.9994

Background



This preview shows how black text looks on a background with the XYZ color 38.1970, 32.4357, 18.9994.



This preview shows how white text looks on a background with the XYZ color 38.1970, 32.4357,

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

38.1970, 32.4357, 18.9994

Protanopia

30.3427, 32.4185, 21.7977

Deuteranopia

33.0638, 32.4529, 18.7087



Tritanopia

40.4996, 32.5717, 29.3517

Trichromacy



Original Color

38.1970, 32.4357, 18.9994

Protanomaly

32.5843, 31.9290, 20.6652

Deuteranomaly

34.7259, 32.3881, 18.8893

Tritanomaly

39.5682, 32.3838, 25.2843

Monochromacy



Original Color

38.1970, 32.4357, 18.9994

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.9293, 32.1578, 28.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1970, 32.4357, 18.9994 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(210, 136, 110)` looks like.

```
.text, #text, p{  
    color:rgb(210, 136, 110)  
}
```

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(210, 136, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 136, 110) }
```

Border

The CSS property to change the border of an element to XYZ 38.1970, 32.4357, 18.9994 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(210, 136, 110) }
```


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

```
.border{ border-color:rgb(210, 136, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 136, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 136, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 136, 110);  
box-shadow:4px 4px 4px 4px rgb(210, 136,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1970, 32.4357, 18.9994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 136, 110) }
```

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

```
.background{ background-color: rgb(210,  
136, 110) }
```

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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