

Converting Colors

XYZ(34.7903, 31.6338, 20.3269)

Have a look what the booklet for
XYZ(34.7903, 31.6338, 20.3269)
contains.

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Color

**XYZ(34.8103, 31.7340,
20.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	C28D72
RGB	194, 141, 114
RGB Percent	76%, 55%, 45%
CMY	0.2392, 0.4470, 0.5529
CMYK	0.00, 0.27, 0.41, 0.24
HSL	20°, 40%, 60%
HSV	20°, 41%, 76%
XYZ	34.8103, 31.7340, 20.2102
YIQ	153.7690, 40.2550, 2.8390

Conversions

Conversions Part 2

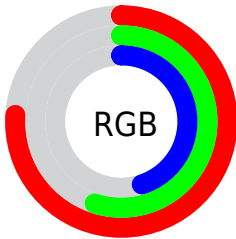
Format	Color
R_{YB}	194, 155, 114
Decimal	12750194
CIE _{Lab}	63.12, 16.69, 22.33
CIE _{LCh}	63, 27.879, 53.229
Yxy	31.7340, 0.4013, 0.3658
Android (android.graphics.Color)	4290940274 (0xFFC28D72)
YUV	153.7690, -19.6061, 35.2826
Hunter-Lab	56.3329, 11.7194, 18.1620

Details

The XYZ color **34.8103, 31.7340, 20.2102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.4953, 35.1086, 56.2083**, and the grayscale version is **30.6854, 32.2835, 35.1567**.

A 20% lighter version of the original color is **66.5429, 62.4788, 44.6288**, and **15.2057, 13.2788, 6.9159** is the 20% darker color. If you saturate the color by 10%, you get **32.0348, 27.7668, 14.4028**, and if you desaturate by 10%, it is **38.0415, 36.2378, 27.3256**.

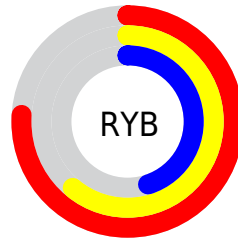
Distribution



Red (76%)

Green (55%)

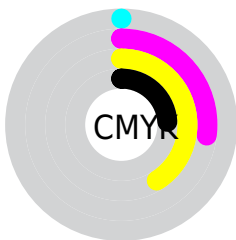
Blue (45%)



Red (76%)

Yellow (61%)

Blue (45%)

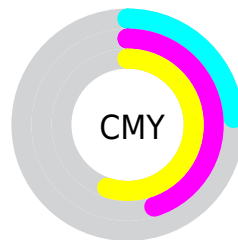


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8103, 31.7340, 20.2102 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 34.8103, 31.7340, 20.2102 by changing the saturation by 10% instead.


 34.8103, 31.7340,
20.2102


 34.8103, 31.7340,
20.2102


315.2529,
309.9057, 265.6926


 23.6826, 21.1584,
12.3623


 66.5277, 62.3939,
44.6329


 15.2218, 13.2398,
6.8654


 87.8482, 83.2469,
62.0448

 9.0625, 7.5939,
3.3009


 113.2970,
108.2946, 83.4819

 4.8394, 3.8362,
1.2503

 143.2394,
137.9212, 109.3626

 2.1871, 1.5824,
0.0205

178.0409,
172.5113, 140.1054

 0.7360, 0.3457,
0.0000

218.0667,

 0.0000, 0.0000,

212.4491, 176.1290

0.0000

263.6823,
258.1191, 217.8519

■ 34.8103, 31.7340,
20.2102

■ 34.8103, 31.7340,
20.2102

■ 32.0348, 27.7668,
14.4028

■ 38.0415, 36.2378,
27.3256

■ 29.6903, 24.3106,
9.8204

■ 41.7468, 41.2933,
35.8212

■ 27.7529, 21.3445,
6.3731


■ 45.9464, 46.9206,
45.7662


■ 26.1952, 18.8441,
3.9580


■ 50.6585, 53.1375,
57.2245

■ 24.9856, 16.7823,
2.4528


■ 55.9004, 59.9609,
70.2563

 24.1664, 15.3059,
1.6806

 61.6885, 67.4071,
84.9183

 68.0386, 75.4915,
101.2646

 72.5938, 83.2806,
106.8564

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



37.4828, 31.7340, 26.8532



34.8103, 31.7340, 20.2102



31.0428, 31.7340, 17.4970

Triad

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



34.8103, 31.7340, 20.2102



23.3971, 31.7340, 32.1150



33.1746, 31.7340, 57.9042

Complementary

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



34.8103, 31.7340, 20.2102



30.4953, 35.1086, 56.2083

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.



29.2985, 31.7340, 60.1468



34.8103, 31.7340, 20.2102



23.8628, 31.7340, 43.5995

Square

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



34.8103, 31.7340, 20.2102



24.6166, 31.7340, 23.3599



25.9475, 31.7340, 54.4513



36.4837, 31.7340, 48.8486

Rectangle

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



34.8103, 31.7340, 20.2102



28.5010, 31.7340, 17.7616



25.9475, 31.7340, 54.4513



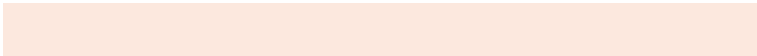
31.8868, 31.7340, 59.5492

Sweetspot

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



34.8111, 31.7355, 20.2108



82.4780, 83.9903, 81.0816



35.2716, 26.3067, 39.9399



17.8305, 18.0847, 17.2031



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.



34.8111, 31.7355, 20.2108



58.7234, 51.2970, 27.4879



41.7417, 45.5967, 22.5210



10.3449, 10.6212, 10.5667



15.9573, 10.2003, 1.1278



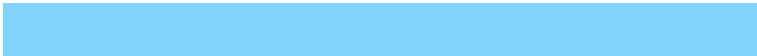
0.7539, 0.5695, 0.0702

Inverse Universe

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



30.4953, 35.1086, 56.2083



49.8758, 58.1413, 101.0635



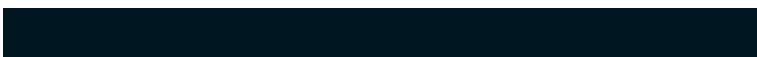
24.3099, 22.7378, 54.1465



10.0729, 10.8372, 12.8457



11.5998, 12.9562, 35.4460



0.5628, 0.6829, 1.5520

Previews

White Background



This preview shows how the XYZ color 34.8103, 31.7340, 20.2102 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 34.8103, 31.7340, 20.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

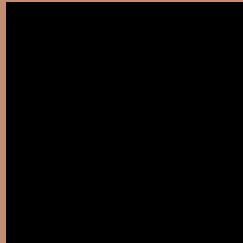
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8103, 31.7340, 20.2102

Background



This preview shows how black text looks on a background with the XYZ color 34.8103, 31.7340, 20.2102.



This preview shows how white text looks on a background with the XYZ color 34.8103, 31.7340,

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

34.8103, 31.7340, 20.2102

Protanopia

29.8253, 31.9009, 22.0383

Deuteranopia

32.4704, 31.8834, 20.0655



Tritanopia

37.0966, 31.5852, 31.7451

Trichromacy



Original Color

34.8103, 31.7340, 20.2102

Protanomaly

31.4139, 31.7779, 21.3077

Deuteranomaly

33.3557, 31.8822, 20.0186

Tritanomaly

36.2266, 31.6620, 27.1237

Monochromacy



Original Color

34.8103, 31.7340, 20.2102

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.7698, 31.7940, 28.8885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8103, 31.7340, 20.2102 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, 141, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 114)  
}
```

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, 141, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 114) }
```

Border

The CSS property to change the border of an element to XYZ 34.8103, 31.7340, 20.2102 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, 141, 114) }
```


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

```
.border{ border-color:rgb(194, 141, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8103, 31.7340, 20.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 114) }
```

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

```
.background{ background-color: rgb(194,  
141, 114) }
```

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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