

Converting Colors

XYZ(40.0776, 34.2219, 21.5130)

Have a look what the booklet for
XYZ(40.0776, 34.2219, 21.5130)
contains.

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Color

**XYZ(40.0887, 34.2103,
21.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	D58C76
RGB	213, 140, 118
RGB Percent	84%, 55%, 46%
CMY	0.1647, 0.4510, 0.5372
CMYK	0.00, 0.34, 0.45, 0.16
HSL	14°, 53%, 65%
HSV	14°, 45%, 84%
XYZ	40.0887, 34.2103, 21.6299
YIQ	159.3190, 50.5700, 8.6340

Conversions

Conversions Part 2

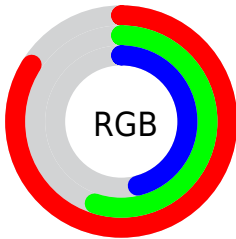
Format	Color
R_{YB}	213, 147, 118
Decimal	13995126
CIE _{Lab}	65.13, 25.28, 23.18
CIE _{LCh}	65, 34.296, 42.523
Yxy	34.2103, 0.4179, 0.3566
Android (android.graphics.Color)	4292185206 (0xFFD58C76)
YUV	159.3190, -20.3703, 47.0782
Hunter-Lab	58.4896, 19.9870, 19.0168

Details

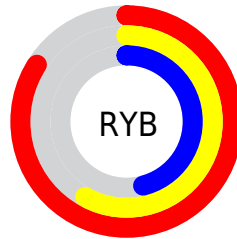
The XYZ color **40.0887, 34.2103, 21.6299** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.1115, 45.9154, 69.8046**, and the grayscale version is **33.1756, 34.9034, 38.0098**.

A 20% lighter version of the original color is **67.7875, 62.7459, 46.5686**, and **18.3569, 14.6423, 7.4890** is the 20% darker color. If you saturate the color by 10%, you get **36.7469, 29.3287, 14.9606**, and if you desaturate by 10%, it is **44.0738, 39.9210, 29.9243**.

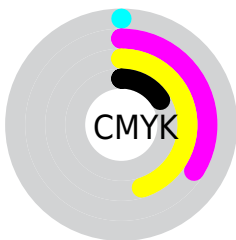
Distribution



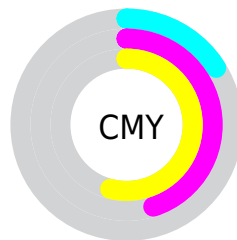
- Red (84%)
- Green (55%)
- Blue (46%)



- Red (84%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0887, 34.2103, 21.6299 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 40.0887, 34.2103, 21.6299 by changing the saturation by 10% instead.


 40.0887, 34.2103,
21.6299


 40.0887, 34.2103,
21.6299

337.6253,
321.0688, 273.4975


 27.7922, 23.0552,
13.3895


 74.5820, 66.2606,
47.0279

 18.3088, 14.6343,
7.5634


 97.5096, 87.9245,
65.0225

 11.2729, 8.5631,
3.7332


 124.7116,
113.8602, 87.1056

 6.3194, 4.4573,
1.4801

156.5534,
144.4521, 113.6958

 3.0827, 1.9325,
0.2031

193.4003,
180.0845, 145.2115

 1.1977, 0.5678,
0.0000

235.6177,

 0.1045, 0.0000,

221.1418, 182.0714

0.0000

283.5709,
268.0084, 224.6939

■ 0.0000, 0.0000,
0.0000

■ 40.0887, 34.2103,
21.6299

■ 40.0887, 34.2103,
21.6299

■ 36.7469, 29.3287,
14.9606

■ 44.0738, 39.9210,
29.9243

■ 34.0105, 25.2321,
9.8066

■ 48.7319, 46.4922,
39.9396

■ 31.8419, 21.8797,
6.0475


■ 54.0940, 53.9597,
51.7667


■ 30.1973, 19.2249,
3.5435


■ 60.1882, 62.3558,
65.4894


■ 29.0258, 17.2152,
2.1251

■ 67.0413, 71.7113,
81.1862

 28.5530, 16.3710,
1.6550

 74.6784, 82.0554,
98.9312

 81.1135, 92.6120,
108.2085

 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



42.7779, 34.2103, 31.6185



40.0887, 34.2103, 21.6299



35.4745, 34.2103, 16.7505

Triad

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



40.0887, 34.2103, 21.6299



24.2176, 34.2103, 29.6117



34.6347, 34.2103, 70.9092

Complementary

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



40.0887, 34.2103, 21.6299



38.1115, 45.9154, 69.8046

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.



29.7265, 34.2103, 69.9719



40.0887, 34.2103, 21.6299



24.0421, 34.2103, 43.5117

Square

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



40.0887, 34.2103, 21.6299



26.4688, 34.2103, 20.4851



25.9623, 34.2103, 59.0063



39.4201, 34.2103, 61.3113

Rectangle

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



40.0887, 34.2103, 21.6299



32.0965, 34.2103, 16.0341



25.9623, 34.2103, 59.0063



32.9388, 34.2103, 71.8740

Sweetspot

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



40.0896, 34.2120, 21.6306



82.5705, 82.8574, 80.6430



43.4798, 30.9276, 53.7897



17.2611, 17.1640, 16.3407



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.



40.0896, 34.2120, 21.6306



55.2469, 44.1081, 22.5241



48.2872, 50.6072, 24.3631



12.6544, 12.8829, 12.9804



17.5064, 10.1301, 1.0326



1.1200, 0.7392, 0.0836

Inverse Universe

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



38.1115, 45.9154, 69.8046



51.8422, 63.8541, 104.2004



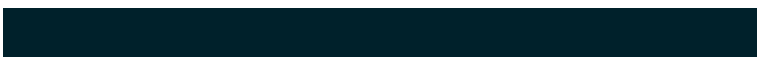
29.5944, 28.8813, 66.9656



12.5370, 13.5974, 15.9013



15.4899, 19.2415, 41.3507



0.9950, 1.2819, 2.5143

Previews

White Background



This preview shows how the XYZ color 40.0887, 34.2103, 21.6299 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 40.0887, 34.2103, 21.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

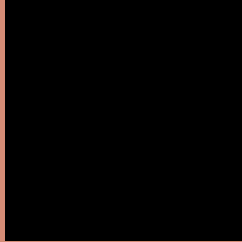
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0887, 34.2103, 21.6299

Background



This preview shows how black text looks on a background with the XYZ color 40.0887, 34.2103, 21.6299.



This preview shows how white text looks on a background with the XYZ color 40.0887, 34.2103,

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

40.0887, 34.2103, 21.6299

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

35.1197, 34.4088, 21.3136



Tritanopia

42.0168, 34.1307, 31.5675

Trichromacy



Original Color

40.0887, 34.2103, 21.6299

Protanomaly

34.4089, 33.7536, 23.4404

Deuteranomaly

36.8267, 34.3345, 21.5159

Tritanomaly

41.1212, 33.9650, 27.6811

Monochromacy



Original Color

40.0887, 34.2103, 21.6299

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.8527, 34.0538, 31.1217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0887, 34.2103, 21.6299 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(213, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(213, 140, 118)  
}
```

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(213, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 140, 118) }
```

Border

The CSS property to change the border of an element to XYZ 40.0887, 34.2103, 21.6299 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(213, 140, 118) }
```


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

```
.border{ border-color:rgb(213, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 140, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 140, 118);  
box-shadow:4px 4px 4px 4px rgb(213, 140,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0887, 34.2103, 21.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 140, 118) }
```

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

```
.background{ background-color: rgb(213,  
140, 118) }
```

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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