

Converting Colors

XYZ(40.3116, 32.0696, 21.4118)

Have a look what the booklet for
XYZ(40.3116, 32.0696, 21.4118)
contains.

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Color

**XYZ(40.3934, 32.0925,
21.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8177
RGB	219, 129, 119
RGB Percent	86%, 51%, 47%
CMY	0.1412, 0.4941, 0.5333
CMYK	0.00, 0.41, 0.46, 0.14
HSL	6°, 58%, 66%
HSV	6°, 46%, 86%
XYZ	40.3934, 32.0925, 21.5183
YIQ	154.7700, 56.8500, 15.9700

Conversions

Conversions Part 2

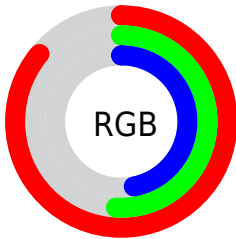
Format	Color
R_{YB}	219, 130, 119
Decimal	14385527
CIE Lab	63.42, 33.59, 20.43
CIE LCh	63, 39.321, 31.310
Yxy	32.0925, 0.4297, 0.3414
Android (android.graphics.Color)	4292575607 (0xFFDB8177)
YUV	154.7700, -17.6346, 56.3297
Hunter-Lab	56.6502, 28.1382, 17.1342

Details

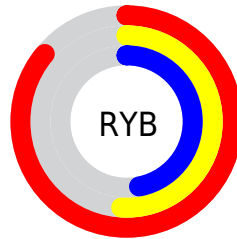
The XYZ color **40.3934, 32.0925, 21.5183** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.1931, 54.6346, 75.2865**, and the grayscale version is **31.1127, 32.7330, 35.6463**.

A 20% lighter version of the original color is **65.5242, 58.0672, 46.2827**, and **18.5597, 13.4808, 7.5851** is the 20% darker color. If you saturate the color by 10%, you get **36.8761, 26.9258, 14.5876**, and if you desaturate by 10%, it is **44.7161, 38.3850, 30.2130**.

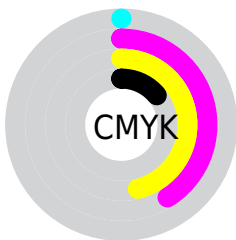
Distribution



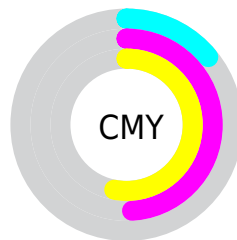
- Red (86%)
- Green (51%)
- Blue (47%)



- Red (86%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (46%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3934, 32.0925, 21.5183 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 40.3934, 32.0925, 21.5183 by changing the saturation by 10% instead.

40.3934, 32.0925,
21.5183

40.3934, 32.0925,
21.5183

338.8850,
311.5404, 272.8912

28.0310, 21.4322,
13.3085

75.0427, 62.9561,
46.8405

18.4896, 13.4403,
7.5081

98.0604, 83.9281,
64.7899

11.4039, 7.7324,
3.6986

125.3604,
109.1061, 86.8230

6.4085, 3.9242,
1.4615

157.3083,
138.8746, 113.3581

3.1380, 1.6313,
0.1890

194.2694,
173.6178, 144.8140

1.2272, 0.3785,
0.0000

236.6089,

0.1277, 0.0000,

213.7203, 181.6091

0.0000

284.6923,
259.5664, 224.1620

■ 0.0000, 0.0000,
0.0000

■ 40.3934, 32.0925,
21.5183

■ 40.3934, 32.0925,
21.5183

■ 36.8761, 26.9258,
14.5876

■ 44.7161, 38.3850,
30.2130

■ 34.1117, 22.8139,
9.2984

■ 49.8873, 45.8593,
40.7793

■ 32.0455, 19.6851,
5.5152


■ 55.9503, 54.5733,
53.3184


■ 30.6139, 17.4569,
3.0802


■ 62.9443, 64.5800,
67.9237

■ 29.7414, 16.0329,
1.8000

■ 70.9064, 75.9290,
84.6825

 29.4985, 15.6304,
1.4622

 79.8716, 88.6674,
103.6772

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



42.2641, 32.0925, 34.2598



40.3934, 32.0925, 21.5183



35.8324, 32.0925, 14.6298

Triad

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



40.3934, 32.0925, 21.5183



22.1803, 32.0925, 22.3923



30.7438, 32.0925, 74.5047

Complementary

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



40.3934, 32.0925, 21.5183



43.1931, 54.6346, 75.2865

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.



25.7300, 32.0925, 68.5607



40.3934, 32.0925, 21.5183



21.1552, 32.0925, 35.6357

Square

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



40.3934, 32.0925, 21.5183



25.3603, 32.0925, 15.0182



22.3751, 32.0925, 53.0370



36.2976, 32.0925, 67.4882

Rectangle

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



40.3934, 32.0925, 21.5183



32.1189, 32.0925, 12.8338



22.3751, 32.0925, 53.0370



28.9422, 32.0925, 73.9466

Sweetspot

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



40.3942, 32.0941, 21.5189



80.4192, 79.0972, 78.2538



47.3188, 32.8574, 64.1695



16.7814, 16.3113, 15.8519



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.



40.3942, 32.0941, 21.5189



52.1418, 38.1353, 20.7570



48.6633, 48.6322, 24.2753



13.1603, 13.2600, 13.5914



17.5281, 9.3417, 0.8793



1.1721, 0.6782, 0.0691

Inverse Universe

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



43.1931, 54.6346, 75.2865



56.5331, 73.7393, 105.8612



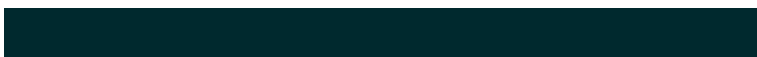
32.7923, 33.8329, 71.8196



13.3278, 14.5952, 16.7669



19.4786, 26.8266, 43.8898



1.2948, 1.8037, 2.8544

Previews

White Background



This preview shows how the XYZ color 40.3934, 32.0925, 21.5183 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 40.3934, 32.0925, 21.5183 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 40.3934, 32.0925, 21.5183

Background



This preview shows how black text looks on a background with the XYZ color 40.3934, 32.0925, 21.5183.



This preview shows how white text looks on a background with the XYZ color 40.3934, 32.0925,

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

40.3934, 32.0925, 21.5183

Protanopia

30.5526, 32.4313, 26.1223

Deuteranopia

32.7983, 32.2645, 21.0220



Tritanopia

41.5485, 32.1720, 27.3125

Trichromacy



Original Color

40.3934, 32.0925, 21.5183

Protanomaly

33.4846, 31.8504, 24.4616

Deuteranomaly

35.2414, 31.9362, 21.1365

Tritanomaly

41.2636, 32.2657, 25.1722

Monochromacy



Original Color

40.3934, 32.0925, 21.5183

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5215, 31.9757, 29.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3934, 32.0925, 21.5183 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(219, 129, 119)` looks like.

```
.text, #text, p{  
    color:rgb(219, 129, 119)  
}
```

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(219, 129, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 129, 119) }
```

Border

The CSS property to change the border of an element to XYZ 40.3934, 32.0925, 21.5183 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(219, 129, 119) }
```


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

```
.border{ border-color:rgb(219, 129, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 129, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 129, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 129, 119);  
box-shadow:4px 4px 4px 4px rgb(219, 129,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3934, 32.0925, 21.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 129, 119) }
```

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

```
.background{ background-color: rgb(219,  
129, 119) }
```

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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