

Converting Colors

XYZ(40.9519, 34.8625, 32.1745)

Have a look what the booklet for
XYZ(40.9519, 34.8625, 32.1745)
contains.

XYZ(40.9519, 34.8625, 32.1745)	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(40.9519, 34.8625,
32.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	D08E93
RGB	208, 142, 147
RGB Percent	82%, 56%, 58%
CMY	0.1843, 0.4431, 0.4235
CMYK	0.00, 0.32, 0.29, 0.18
HSL	355°, 41%, 69%
HSV	355°, 32%, 82%
XYZ	40.9519, 34.8625, 32.1745
YIQ	162.3040, 37.7310, 15.5470

Conversions

Conversions Part 2

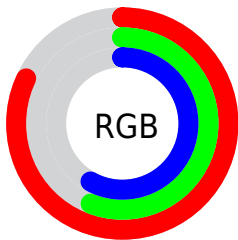
Format	Color
RYB	208, 142, 147
Decimal	13667987
CIELab	65.64, 25.74, 7.55
CIELCh	66, 26.824, 16.343
Yxy	34.8625, 0.3792, 0.3228
Android (android.graphics.Color)	4291858067 (0xFFD08E93)
YUV	162.3040, -7.5449, 40.0754
Hunter-Lab	59.0445, 20.4757, 9.0228

Details

The XYZ color **40.9519, 34.8625, 32.1745** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4922, 55.1752, 64.8077**, and the grayscale version is **34.5079, 36.3050, 39.5361**.

A 20% lighter version of the original color is **71.5225, 64.9569, 64.0266**, and **18.8476, 15.0206, 13.2152** is the 20% darker color. If you saturate the color by 10%, you get **36.7564, 28.6873, 23.9446**, and if you desaturate by 10%, it is **45.9789, 42.2968, 41.9262**.

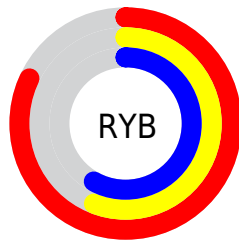
Distribution



Red (82%)

Green (56%)

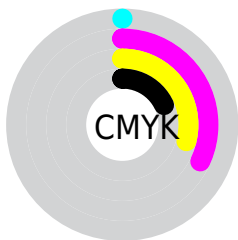
Blue (58%)



Red (82%)

Yellow (56%)

Blue (58%)

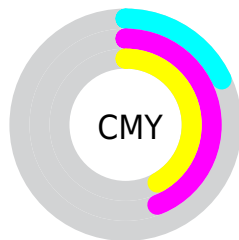


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9519, 34.8625, 32.1745 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 40.9519, 34.8625, 32.1745 by changing the saturation by 10% instead.


 40.9519, 34.8625,
32.1745


 40.9519, 34.8625,
32.1745


341.1856,
323.9610, 326.4306


 28.4690, 23.5570,
21.2289


 75.8860, 67.2727,
64.1856

 18.8218, 15.0053,
13.0986


 99.0680, 89.1462,
86.0882

 11.6448, 8.8231,
7.3649


 126.5470,
115.3111, 112.4803

 6.5728, 4.6260,
3.6095

158.6885,
146.1518, 143.7803

 3.2403, 2.0295,
1.4136

195.8577,
182.0528, 180.4067

 1.2821, 0.6245,
0.1523

238.4200,

 0.1698, 0.0000,

223.3984, 222.7783

0.0000

286.7409,
270.5730, 271.3134

■ 0.0000, 0.0000,
0.0000

■ 40.9519, 34.8625,
32.1745

■ 40.9519, 34.8625,
32.1745

■ 36.7564, 28.6873,
23.9446

■ 45.9789, 42.2968,
41.9262

■ 33.3448, 23.6967,
17.1578

■ 51.8759, 51.0491,
53.2689

■ 30.6692, 19.8164,
11.7313

■ 58.6824, 61.1809,
66.2700

■ 28.6751, 16.9613,
7.5733

■ 66.4347, 72.7481,
80.9924

■ 27.3005, 15.0344,
4.5804

■ 75.1670, 85.8037,
97.4959

■ 26.4721, 13.9196,
2.6331

■ 79.8225, 92.1499,
108.1874

■ 26.1041, 13.4466,
1.6999

Harmonies

Analogous

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



41.0579, 34.8625, 43.3173



40.9519, 34.8625, 32.1745



38.6469, 34.8625, 24.3240

Triad

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



40.9519, 34.8625, 32.1745



27.9504, 34.8625, 24.8625



31.3786, 34.8625, 63.1931

Complementary

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



40.9519, 34.8625, 32.1745



44.4922, 55.1752, 64.8077

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.



28.1752, 34.8625, 55.9240



40.9519, 34.8625, 32.1745



26.3045, 34.8625, 33.0625

Square

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



40.9519, 34.8625, 32.1745



31.0490, 34.8625, 20.7108



26.3834, 34.8625, 44.3991



35.3140, 34.8625, 62.8240

Rectangle

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



40.9519, 34.8625, 32.1745



36.2703, 34.8625, 21.3495



26.3834, 34.8625, 44.3991



30.1873, 34.8625, 61.5085

Sweetspot

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



40.9528, 34.8642, 32.1752



83.8825, 83.3696, 87.5912



45.5518, 36.5282, 64.3245



17.6442, 17.3834, 18.1541



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.



40.9528, 34.8642, 32.1752



60.3151, 48.4803, 41.9840



45.1772, 43.9266, 31.6909



11.8445, 11.8226, 12.4571



16.2834, 8.3862, 1.1325



0.9234, 0.4741, 0.1315

Inverse Universe

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



40.9528, 34.8642, 32.1752



60.3151, 48.4803, 41.9840



38.9643, 43.1511, 65.9500



11.8445, 11.8226, 12.4571



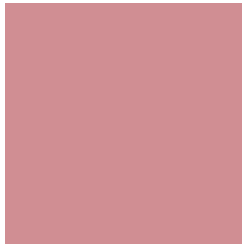
16.2834, 8.3862, 1.1325



0.9234, 0.4741, 0.1315

Previews

White Background



This preview shows how the XYZ color 40.9519, 34.8625, 32.1745 looks on a white background.

Color Contrast Check

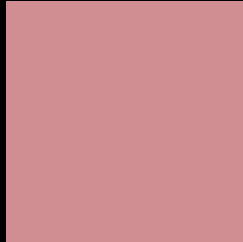
Large Text (above 18pt) WCAG AA × Fail

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 40.9519, 34.8625, 32.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

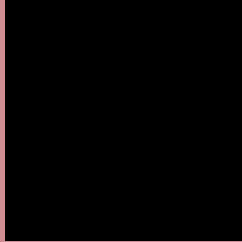
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9519, 34.8625, 32.1745

Background



This preview shows how black text looks on a background with the XYZ color 40.9519, 34.8625, 32.1745.



This preview shows how white text looks on a background with the XYZ color 40.9519, 34.8625,

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

40.9519, 34.8625, 32.1745

Protanopia

33.5031, 34.9831, 36.4391

Deuteranopia

35.7225, 34.9793, 31.6570



Tritanopia

41.4869, 34.8721, 34.2501

Trichromacy



Original Color

40.9519, 34.8625, 32.1745

Protanomaly

35.7314, 34.6661, 34.9450

Deuteranomaly

37.5805, 34.9644, 31.9622

Tritanomaly

41.3244, 34.8071, 33.3946

Monochromacy



Original Color

40.9519, 34.8625, 32.1745

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.3976, 35.4607, 36.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9519, 34.8625, 32.1745 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(208, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 142, 147)  
}
```

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(208, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 40.9519, 34.8625, 32.1745 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(208, 142, 147) }
```


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

```
.border{ border-color:rgb(208, 142, 147) }
```

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

Here you see how a box with a 4 pixel rgb(208, 142, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9519, 34.8625, 32.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 142, 147) }
```

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

```
.background{ background-color: rgb(208,  
142, 147) }
```

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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