

Converting Colors

XYZ(40.4317, 34.0504, 22.6534)

Have a look what the booklet for
XYZ(40.4317, 34.0504, 22.6534)
contains.

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Color

**XYZ(40.4154, 34.1419,
22.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	D68B79
RGB	214, 139, 121
RGB Percent	84%, 55%, 47%
CMY	0.1608, 0.4549, 0.5255
CMYK	0.00, 0.35, 0.43, 0.16
HSL	12°, 53%, 66%
HSV	12°, 43%, 84%
XYZ	40.4154, 34.1419, 22.5491
YIQ	159.3730, 50.4780, 10.3020

Conversions

Conversions Part 2

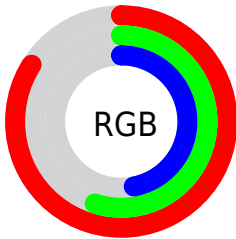
Format	Color
RYB	214, 143, 121
Decimal	14060409
CIELab	65.08, 26.53, 21.46
CIElCh	65, 34.118, 38.970
Yxy	34.1419, 0.4162, 0.3516
Android (android.graphics.Color)	4292250489 (0xFFD68B79)
YUV	159.3730, -18.9179, 47.9079
Hunter-Lab	58.4311, 21.2099, 18.0212

Details

The XYZ color **40.4154, 34.1419, 22.5491** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **39.7618, 48.3978, 70.8643**, and the grayscale version is **33.1941, 34.9227, 38.0309**.

A 20% lighter version of the original color is **67.8528, 62.4171, 48.0066**, and **18.5640, 14.6154, 7.9735** is the 20% darker color. If you saturate the color by 10%, you get **36.9413, 29.0660, 15.6189**, and if you desaturate by 10%, it is **44.5768, 40.1264, 31.1451**.

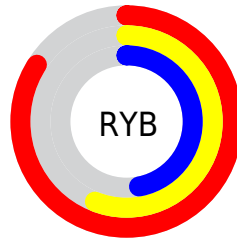
Distribution



Red (84%)

Green (55%)

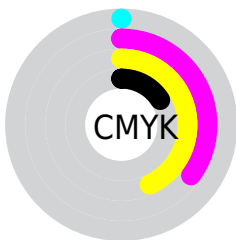
Blue (47%)



Red (84%)

Yellow (56%)

Blue (47%)

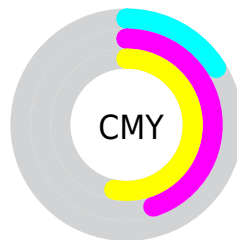


Cyan (0%)

Magenta (35%)

Yellow (43%)

Black (16%)



Cyan (16%)


Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4154, 34.1419, 22.5491 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 40.4154, 34.1419, 22.5491 by changing the saturation by 10% instead.


 40.4154, 34.1419,
22.5491


 40.4154, 34.1419,
22.5491


338.9758,
320.7643, 278.4470

 28.0482, 23.0026,
14.0588

 75.0760, 66.1543,
48.5657

 18.5027, 14.5955,
8.0223


 98.1001, 87.7962,
66.9289

 11.4133, 8.5360,
4.0213


 125.4072,
113.7077, 89.4203

 6.4149, 4.4398,
1.6370

157.3628,
144.2733, 116.4583

 3.1420, 1.9225,
0.3170

194.3320,
179.8774, 148.4614

 1.2293, 0.5618,
0.0000

236.6804,

 0.1293, 0.0000,

220.9043, 185.8482

0.0000

284.7732,
267.7385, 229.0372

■ 0.0000, 0.0000,
0.0000

■ 40.4154, 34.1419,
22.5491

■ 40.4154, 34.1419,
22.5491

■ 36.9413, 29.0660,
15.6189

■ 44.5768, 40.1264,
31.1451

■ 34.1139, 24.8491,
10.2440

■ 49.4579, 47.0562,
41.5039

■ 31.8924, 21.4441,
6.3032


■ 55.0919, 54.9717,
53.7173


■ 30.2297, 18.7975,
3.6565


■ 61.5094, 63.9098,
67.8701

■ 29.0712, 16.8487,
2.1354

■ 68.7391, 73.9053,
84.0419

 28.5394, 15.9120,
1.5671

 76.8084, 84.9914,
102.3077

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



42.7735, 34.1419, 33.0902



40.4154, 34.1419, 22.5491



35.9825, 34.1419, 17.1164

Triad

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



40.4154, 34.1419, 22.5491



24.3634, 34.1419, 28.2372



33.9554, 34.1419, 71.0648

Complementary

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



40.4154, 34.1419, 22.5491



39.7618, 48.3978, 70.8643

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.



29.1582, 34.1419, 68.8092



40.4154, 34.1419, 22.5491



23.9389, 34.1419, 41.5823

Square

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



40.4154, 34.1419, 22.5491



26.8329, 34.1419, 19.7737



25.6081, 34.1419, 57.0558



38.8028, 34.1419, 62.6075

Rectangle

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



40.4154, 34.1419, 22.5491



32.6220, 34.1419, 16.0604



25.6081, 34.1419, 57.0558



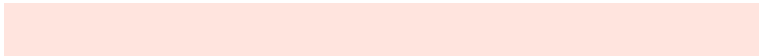
32.2803, 34.1419, 71.5720

Sweetspot

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



40.4163, 34.1436, 22.5498



82.2219, 82.1602, 80.5268



44.6414, 32.0001, 56.6171



17.1760, 16.9938, 16.3124



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.



40.4163, 34.1436, 22.5498



55.3788, 43.8773, 24.0930



48.4378, 50.1867, 25.2236



12.6159, 12.8061, 12.9676



17.3079, 9.7331, 0.9664



1.1021, 0.7034, 0.0777

Inverse Universe

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



39.7618, 48.3978, 70.8643



54.2431, 67.6074, 104.7984



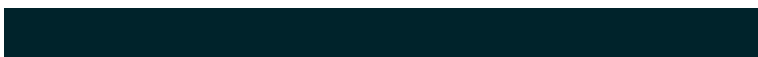
31.0013, 30.8769, 67.9441



12.5784, 13.6802, 15.9151



16.3924, 21.0465, 41.6516



1.0423, 1.3766, 2.5301

Previews

White Background



This preview shows how the XYZ color 40.4154, 34.1419, 22.5491 looks on a white background.

Color Contrast Check

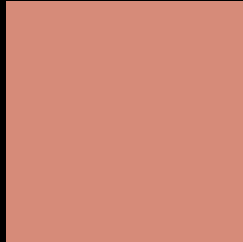
Large Text (above 18pt) WCAG AA × Fail

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 40.4154, 34.1419, 22.5491 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 40.4154, 34.1419, 22.5491

Background



This preview shows how black text looks on a background with the XYZ color 40.4154, 34.1419, 22.5491.



This preview shows how white text looks on a background with the XYZ color 40.4154, 34.1419,

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

40.4154, 34.1419, 22.5491

Protanopia

32.4046, 34.3903, 26.0492

Deuteranopia

35.0515, 34.3532, 22.2362



Tritanopia

42.1712, 34.0022, 31.5345

Trichromacy



Original Color

40.4154, 34.1419, 22.5491

Protanomaly

34.9050, 33.9798, 24.7977

Deuteranomaly

36.8498, 34.0938, 22.4079

Tritanomaly

41.3438, 33.8615, 28.0238

Monochromacy



Original Color

40.4154, 34.1419, 22.5491

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.9295, 34.0845, 31.5260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4154, 34.1419, 22.5491 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(214, 139, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 139, 121)  
}
```

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(214, 139, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 139, 121) }
```

Border

The CSS property to change the border of an element to XYZ 40.4154, 34.1419, 22.5491 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(214, 139, 121) }
```


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

```
.border{ border-color:rgb(214, 139, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 139, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 139, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 139, 121);  
box-shadow:4px 4px 4px 4px rgb(214, 139,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4154, 34.1419, 22.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 139, 121) }
```

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

```
.background{ background-color: rgb(214,  
139, 121) }
```

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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