

Converting Colors

XYZ(40.3205, 48.3282, 28.2637)

Have a look what the booklet for
XYZ(40.3205, 48.3282, 28.2637)
contains.

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Color

**XYZ(40.3345, 48.3097,
28.3179)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC082
RGB	174, 192, 130
RGB Percent	68%, 75%, 51%
CMY	0.3176, 0.2470, 0.4902
CMYK	0.09, 0.00, 0.32, 0.25
HSL	77°, 33%, 63%
HSV	77°, 32%, 75%
XYZ	40.3345, 48.3097, 28.3179
YIQ	179.5500, 9.1740, -23.0980

Conversions

Conversions Part 2

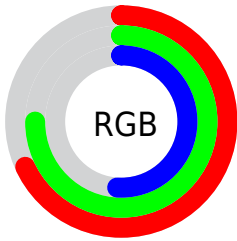
Format	Color
RYB	130, 192, 148
Decimal	11452546
CIELab	75.02, -16.59, 29.27
CIELCh	75, 33.644, 119.547
Yxy	48.3097, 0.3449, 0.4130
Android (android.graphics.Color)	4289642626 (0xFFAEC082)
YUV	179.5500, -24.4281, -4.8673
Hunter-Lab	69.5052, -18.0489, 24.4976

Details

The XYZ color **40.3345, 48.3097, 28.3179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7117, 26.0682, 53.3376**, and the grayscale version is **43.2656, 45.5188, 49.5699**.

A 20% lighter version of the original color is **74.7478, 87.3767, 57.7255**, and **18.5657, 23.1094, 11.0715** is the 20% darker color. If you saturate the color by 10%, you get **37.9481, 47.2162, 22.0952**, and if you desaturate by 10%, it is **43.0155, 49.5302, 35.8117**.

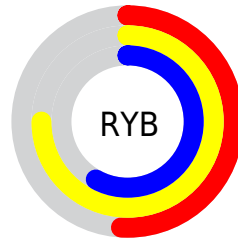
Distribution



Red (68%)

Green (75%)

Blue (51%)



Red (51%)

Yellow (75%)

Blue (58%)

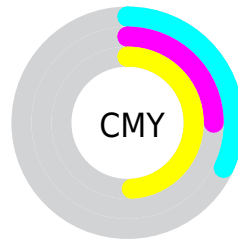


Cyan (9%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (32%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3345, 48.3097, 28.3179 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 40.3345, 48.3097, 28.3179 by changing the saturation by 10% instead.

■ 40.3345, 48.3097,
28.3179

■ 40.3345, 48.3097,
28.3179

338.6417,
380.0184, 307.9425

■ 27.9848, 34.0722,
18.3243

■ 74.9537, 87.6653,
58.0208

■ 18.4546, 22.9491,
11.0112

■ 97.9540, 113.5523,
78.5672

■ 11.3785, 14.5559,
5.9601

■ 125.2351,
144.0911, 103.4682

■ 6.3912, 8.5083,
2.7524

157.1625,
179.6664, 133.1425

■ 3.1273, 4.4219,
0.9697

194.1015,
220.6623, 168.0085

■ 1.2214, 1.9123,
0.0000

236.4175,

■ 0.1232, 0.5557,

267.4633, 208.4848

0.0000

284.4758,
320.4539, 254.9899

■ 0.0000, 0.0000,
0.0000

■ 40.3345, 48.3097,
28.3179

■ 40.3345, 48.3097,
28.3179

■ 37.9481, 47.2162,
22.0952

■ 43.0155, 49.5302,
35.8117

■ 35.8385, 46.2378,
17.0699

■ 46.0003, 50.8767,
44.6385

■ 33.9917, 45.3702,
13.1654


■ 49.3022, 52.3561,
54.8602


■ 32.3905, 44.6066,
10.2951


■ 52.9328, 53.9731,
66.5337


■ 31.0154, 43.9392,
8.3598


■ 56.9027, 55.7320,
79.7128

 29.8433, 43.3585,
7.2406

 61.2222, 57.6372,
94.4484

 29.0448, 42.9566,
6.7606

 64.3495, 59.0717,
102.6181

 65.9950, 59.9200,
102.6952

 67.6967, 60.7973,
102.7748

Harmonies

Analogous

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



46.0103, 48.3097, 25.5056



40.3345, 48.3097, 28.3179



36.4681, 48.3097, 37.2503

Triad

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



40.3345, 48.3097, 28.3179



40.1864, 48.3097, 87.4863



58.7711, 48.3097, 52.8689

Complementary

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



40.3345, 48.3097, 28.3179



29.7117, 26.0682, 53.3376

Split Complementary

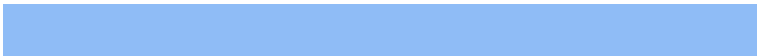
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.8713, 48.3097, 71.6779



40.3345, 48.3097, 28.3179



45.8236, 48.3097, 94.2011

Square

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



40.3345, 48.3097, 28.3179



36.3881, 48.3097, 71.1102



51.9920, 48.3097, 87.8621



56.9790, 48.3097, 37.6195

Rectangle

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



40.3345, 48.3097, 28.3179



35.2524, 48.3097, 46.6989



51.9920, 48.3097, 87.8621



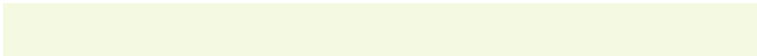
58.5407, 48.3097, 58.9806

Sweetspot

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



40.3357, 48.3118, 28.3189



84.5721, 92.7317, 84.6114



36.2913, 33.8638, 25.7433



17.9680, 19.8152, 17.6170



92.9021, 97.7402, 106.4391



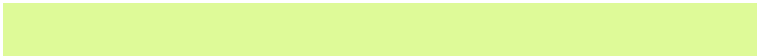
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.3357, 48.3118, 28.3189



69.8597, 86.0569, 42.8233



34.2834, 45.1917, 28.0357



10.6193, 11.6067, 10.7425



19.6233, 28.9450, 4.5527



0.9135, 1.2845, 0.1998

Inverse Universe

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



29.7117, 26.0682, 53.3376



47.5343, 39.2874, 95.4382



35.9892, 29.3044, 53.6314



9.7970, 9.8865, 12.6768



7.5584, 3.1569, 33.7676



0.3971, 0.1728, 1.4623

Previews

White Background



This preview shows how the XYZ color 40.3345, 48.3097, 28.3179 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 40.3345, 48.3097, 28.3179 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

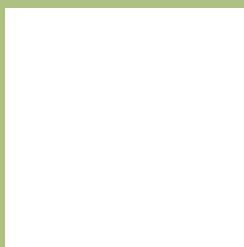
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3345, 48.3097, 28.3179

Background



This preview shows how black text looks on a background with the XYZ color 40.3345, 48.3097, 28.3179.



This preview shows how white text looks on a background with the XYZ color 40.3345, 48.3097,

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

40.3345, 48.3097, 28.3179

Protanopia

44.5244, 47.9554, 26.9883

Deuteranopia

49.1692, 48.1978, 28.9019



Tritanopia

46.6550, 48.0115, 60.2342

Trichromacy



Original Color

40.3345, 48.3097, 28.3179

Protanomaly

42.9018, 48.0463, 27.4348

Deuteranomaly

45.5214, 47.8184, 28.6604

Tritanomaly

43.9241, 47.8382, 46.4538

Monochromacy



Original Color

40.3345, 48.3097, 28.3179

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.0222, 46.3546, 40.9149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3345, 48.3097, 28.3179 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(174, 192, 130)` looks like.

```
.text, #text, p{  
    color:rgb(174, 192, 130)  
}
```

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(174, 192, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 192, 130) }
```

Border

The CSS property to change the border of an element to XYZ 40.3345, 48.3097, 28.3179 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(174, 192, 130) }
```


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

```
.border{ border-color:rgb(174, 192, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 192, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 192, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 192, 130);  
box-shadow:4px 4px 4px 4px rgb(174, 192,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3345, 48.3097, 28.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 192, 130) }
```

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

```
.background{ background-color: rgb(174,  
192, 130) }
```

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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