

Converting Colors

XYZ(41.0044, 46.1100, 28.2117)

Have a look what the booklet for
XYZ(41.0044, 46.1100, 28.2117)
contains.

XYZ(41.0044, 46.1100, 28.2117)	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(41.0044, 46.1100,
28.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B883
RGB	184, 184, 131
RGB Percent	72%, 72%, 51%
CMY	0.2784, 0.2784, 0.4863
CMYK	0.00, 0.00, 0.29, 0.28
HSL	60°, 27%, 62%
HSV	60°, 29%, 72%
XYZ	41.0044, 46.1100, 28.2117
YIQ	177.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

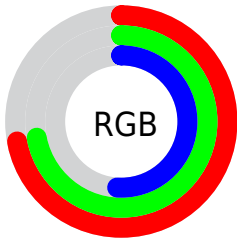
Format	Color
RYB	131, 184, 131
Decimal	12105859
CIELab	73.62, -8.47, 27.01
CIELCh	74, 28.307, 107.421
Yxy	46.1100, 0.3556, 0.3998
Android (android.graphics.Color)	4290295939 (0xFFB8B883)
YUV	177.9580, -23.1503, 5.2988
Hunter-Lab	67.9043, -11.0444, 22.9003

Details

The XYZ color **41.0044, 46.1100, 28.2117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1298, 24.5198, 48.7056**, and the grayscale version is **42.4080, 44.6165, 48.5874**.

A 20% lighter version of the original color is **76.0874, 84.4816, 57.6438**, and **18.8074, 21.5725, 10.9572** is the 20% darker color. If you saturate the color by 10%, you get **39.8666, 45.6564, 22.2168**, and if you desaturate by 10%, it is **42.3661, 46.6563, 35.3751**.

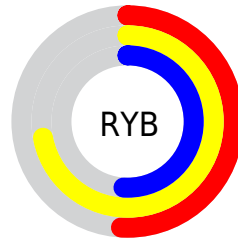
Distribution



Red (72%)

Green (72%)

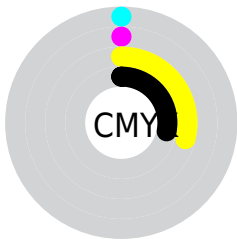
Blue (51%)



Red (51%)

Yellow (72%)

Blue (51%)

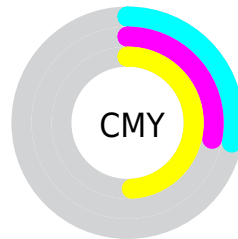


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0044, 46.1100, 28.2117 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 41.0044, 46.1100, 28.2117 by changing the saturation by 10% instead.

■ 41.0044, 46.1100,
28.2117

■ 41.0044, 46.1100,
28.2117

341.4013,
371.2507, 307.4208

■ 28.5102, 32.3326,
18.2449

■ 75.9652, 84.3836,
57.8494

■ 18.8530, 21.6157,
10.9547

■ 99.1626, 109.6486,
78.3574

■ 11.6675, 13.5748,
5.9226

■ 126.6584,
139.5116, 103.2162

■ 6.5883, 7.8255,
2.7300

158.8180,
174.3571, 132.8443

■ 3.2500, 3.9835,
0.9585

196.0067,
214.5693, 167.6602

■ 1.2873, 1.6643,
0.0000

238.5899,

■ 0.1737, 0.4004,

260.5327, 208.0826

0.0000

286.9330,
312.6317, 254.5300

■ 0.0000, 0.0000,
0.0000

■ 41.0044, 46.1100,
28.2117

■ 41.0044, 46.1100,
28.2117

■ 39.8666, 45.6564,
22.2168

■ 42.3661, 46.6563,
35.3751

■ 38.9374, 45.2847,
17.3256

■ 43.9590, 47.2935,
43.7612

■ 38.2052, 44.9918,
13.4718


■ 45.7944, 48.0277,
53.4244


■ 37.6558, 44.7720,
10.5806


■ 47.8818, 48.8627,
64.4149


■ 37.2731, 44.6189,
8.5672


■ 50.2304, 49.8022,
76.7804


 37.0382, 44.5249,
7.3322


 52.8486, 50.8495,
90.5659

 36.9182, 44.4768,
6.7022

 54.9613, 51.6946,
101.6890

 36.9061, 44.4720,
6.6388

 54.9616, 51.6948,
101.6891

 54.9620, 51.6950,
101.6891

Harmonies

Analogous

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



45.9583, 46.1100, 27.8029



41.0044, 46.1100, 28.2117



37.1074, 46.1100, 33.7543

Triad

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



41.0044, 46.1100, 28.2117



37.6249, 46.1100, 73.3889



53.9185, 46.1100, 56.4586

Complementary

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



41.0044, 46.1100, 28.2117



26.1298, 24.5198, 48.7056

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.



51.3106, 46.1100, 71.2863



41.0044, 46.1100, 28.2117



41.7611, 46.1100, 82.2402

Square

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



41.0044, 46.1100, 28.2117



35.2609, 46.1100, 58.9286



46.7745, 46.1100, 81.4047



53.6770, 46.1100, 42.3895

Rectangle

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



41.0044, 46.1100, 28.2117



35.5181, 46.1100, 40.3387



46.7745, 46.1100, 81.4047



53.3382, 46.1100, 61.5638

Sweetspot

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



41.0056, 46.1121, 28.2127



79.5762, 85.6848, 78.7615



31.9817, 28.0628, 25.2044



17.0596, 18.4337, 16.4770



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.0056, 46.1121, 28.2127



72.8871, 83.0090, 43.5468



35.2414, 43.1405, 27.9429



9.7501, 10.5033, 9.6204



25.4340, 30.6480, 4.5751



0.8966, 1.0804, 0.1613

Inverse Universe

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



26.1298, 24.5198, 48.7056



41.2133, 37.0342, 87.1807



30.7718, 26.9128, 48.9228



8.5212, 8.7195, 11.3134



5.9629, 2.3852, 31.3992



0.2102, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 41.0044, 46.1100, 28.2117 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 41.0044, 46.1100, 28.2117 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

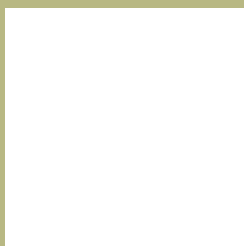
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0044, 46.1100, 28.2117

Background



This preview shows how black text looks on a background with the XYZ color 41.0044, 46.1100, 28.2117.



This preview shows how white text looks on a background with the XYZ color 41.0044, 46.1100,

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

41.0044, 46.1100, 28.2117

Protanopia

43.0588, 46.2616, 27.7790

Deuteranopia

46.9088, 45.8767, 28.5730



Tritanopia

46.3055, 45.8447, 55.1236

Trichromacy



Original Color

41.0044, 46.1100, 28.2117

Protanomaly

42.2431, 46.1440, 27.7993

Deuteranomaly

44.5156, 45.8067, 28.3252

Tritanomaly

44.0206, 45.7961, 44.0555

Monochromacy



Original Color

41.0044, 46.1100, 28.2117

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.5767, 44.9190, 40.1971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0044, 46.1100, 28.2117 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(184, 184, 131)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 131)  
}
```

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(184, 184, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.0044, 46.1100, 28.2117 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(184, 184, 131) }
```


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

```
.border{ border-color:rgb(184, 184, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 131);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0044, 46.1100, 28.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 131) }
```

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

```
.background{ background-color: rgb(184,  
184, 131) }
```

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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