

Converting Colors

XYZ(51.0745, 45.9835, 27.0521)

Have a look what the booklet for
XYZ(51.0745, 45.9835, 27.0521)
contains.

XYZ(51.2029, 46.1811, 26.9840)	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(51.2029, 46.1811,
26.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A681
RGB	233, 166, 129
RGB Percent	91%, 65%, 51%
CMY	0.0863, 0.3490, 0.4941
CMYK	0.00, 0.29, 0.45, 0.09
HSL	21°, 70%, 71%
HSV	21°, 45%, 91%
XYZ	51.2029, 46.1811, 26.9840
YIQ	181.8150, 51.8090, 2.6970

Conversions

Conversions Part 2

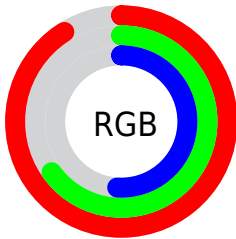
Format	Color
RYB	233, 186, 129
Decimal	15312513
CIELab	73.66, 20.36, 28.97
CIELCh	74, 35.405, 54.896
Yxy	46.1811, 0.4117, 0.3713
Android (android.graphics.Color)	4293502593 (0xFFE9A681)
YUV	181.8150, -26.0378, 44.8892
Hunter-Lab	67.9567, 15.5691, 24.0270

Details

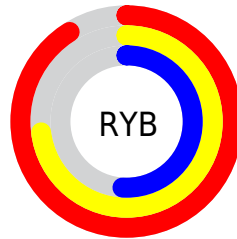
The XYZ color **51.2029, 46.1811, 26.9840** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.5001, 50.0278, 84.4541**, and the grayscale version is **44.4813, 46.7977, 50.9627**.

A 20% lighter version of the original color is **75.5399, 76.3503, 55.0117**, and **25.1078, 21.7131, 10.2649** is the 20% darker color. If you saturate the color by 10%, you get **47.2563, 40.4903, 18.8791**, and if you desaturate by 10%, it is **55.8234, 52.6546, 37.0565**.

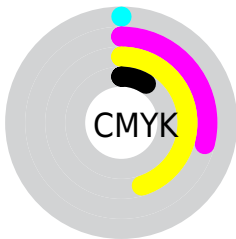
Distribution



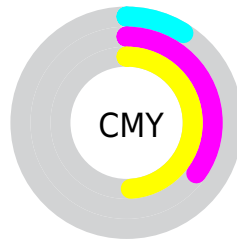
- Red (91%)
- Green (65%)
- Blue (51%)



- Red (91%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2029, 46.1811, 26.9840 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 51.2029, 46.1811, 26.9840 by changing the saturation by 10% instead.


 51.2029, 46.1811,
26.9840


 51.2029, 46.1811,
26.9840


381.7263,
371.5363, 301.3374


 36.5918, 32.3888,
17.3289


 91.1358, 84.4900,
55.8616

 25.0638, 21.6586,
10.3048


 117.1884,
109.7753, 75.9212

 16.2536, 13.6063,
5.4933


 147.7855,
139.6604, 100.2860

 9.7958, 7.8473,
2.4757

183.2924,
174.5296, 129.3746

 5.3250, 3.9974,
0.8273

224.0746,
214.7674, 163.6054

 2.4759, 1.6721,
0.0000

270.4974,

 0.8831, 0.4055,

260.7582, 203.3972

0.0000

322.9262,
312.8864, 249.1683

■ 0.0000, 0.0000,
0.0000

■ 51.2029, 46.1811,
26.9840

■ 51.2029, 46.1811,
26.9840

■ 47.2563, 40.4903,
18.8791

■ 55.8234, 52.6546,
37.0565

■ 43.9449, 35.5438,
12.6075

■ 61.1468, 59.9335,
49.2133

■ 41.2309, 31.3099,
8.0218

■ 67.2042, 68.0481,
63.5653

■ 39.0704, 27.7515,
4.9506

■ 74.0241, 77.0247,
80.2145

■ 37.4113, 24.8267,
3.1844

■ 81.6331, 86.8887,
99.2566

■ 36.6903, 23.4958,
2.6014

■ 87.4141, 96.0636,
108.5426

Harmonies

Analogous

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



55.7706, 46.1811, 37.0967



51.2029, 46.1811, 26.9840



44.9758, 46.1811, 23.1247

Triad

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



51.2029, 46.1811, 26.9840



32.9412, 46.1811, 47.2718



49.1704, 46.1811, 88.5828

Complementary

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



51.2029, 46.1811, 26.9840



43.5001, 50.0278, 84.4541

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.



42.8292, 46.1811, 93.1418



51.2029, 46.1811, 26.9840



33.8354, 46.1811, 66.2745

Square

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



51.2029, 46.1811, 26.9840



34.7458, 46.1811, 32.9174



37.3155, 46.1811, 84.1744



54.5210, 46.1811, 72.8827

Rectangle

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



51.2029, 46.1811, 26.9840



40.8652, 46.1811, 23.7402



37.3155, 46.1811, 84.1744



47.0684, 46.1811, 91.6059

Sweetspot

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



51.2041, 46.1833, 26.9849



83.7267, 85.1699, 81.0284



51.4869, 37.0374, 57.0187



17.5440, 17.7299, 16.4351



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.



51.2041, 46.1833, 26.9849



58.1588, 49.9319, 23.4948



62.4827, 68.7407, 30.7445



15.5040, 15.9311, 15.7766



20.9251, 13.5444, 1.5114



1.7311, 1.2395, 0.1480

Inverse Universe

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



43.5001, 50.0278, 84.4541



47.4986, 55.1668, 102.7526



33.8260, 30.6795, 81.2294



15.0407, 16.1677, 19.2502



14.6637, 15.9743, 46.0535



1.2416, 1.4347, 3.6464

Previews

White Background



This preview shows how the XYZ color 51.2029, 46.1811, 26.9840 looks on a white background.

Color Contrast Check

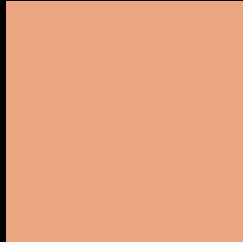
Large Text (above 18pt) WCAG AA × Fail

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 51.2029, 46.1811, 26.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

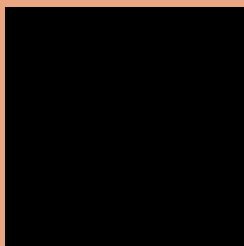
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2029, 46.1811, 26.9840

Background



This preview shows how black text looks on a background with the XYZ color 51.2029, 46.1811, 26.9840.



This preview shows how white text looks on a background with the XYZ color 51.2029, 46.1811,

26.9840.

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

51.2029, 46.1811, 26.9840

Protanopia

43.2159, 46.2947, 29.9506

Deuteranopia

47.3512, 46.4295, 26.8882



Tritanopia

54.9423, 46.1247, 45.0369

Trichromacy



Original Color

51.2029, 46.1811, 26.9840

Protanomaly

45.7714, 46.1540, 28.6865

Deuteranomaly

48.5834, 46.2139, 26.7816

Tritanomaly

53.5132, 46.0738, 37.5252

Monochromacy



Original Color

51.2029, 46.1811, 26.9840

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.2236, 46.1125, 41.1147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2029, 46.1811, 26.9840 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(233, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 129)  
}
```

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(233, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 129) }
```

Border

The CSS property to change the border of an element to XYZ 51.2029, 46.1811, 26.9840 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(233, 166, 129) }
```


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

```
.border{ border-color:rgb(233, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2029, 46.1811, 26.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 129) }
```

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

```
.background{ background-color: rgb(233,  
166, 129) }
```

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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