

Converting Colors

XYZ(47.0065, 41.9179, 26.0902)

Have a look what the booklet for
XYZ(47.0065, 41.9179, 26.0902)
contains.

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Color

**XYZ(46.8636, 41.8595,
26.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	E09E80
RGB	224, 158, 128
RGB Percent	88%, 62%, 50%
CMY	0.1216, 0.3804, 0.4980
CMYK	0.00, 0.29, 0.43, 0.12
HSL	19°, 61%, 69%
HSV	19°, 43%, 88%
XYZ	46.8636, 41.8595, 26.0318
YIQ	174.3140, 48.9660, 4.6620

Conversions

Conversions Part 2

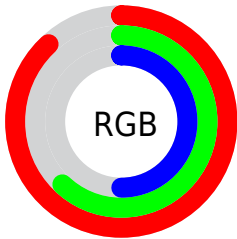
Format	Color
R_{YB}	224, 172, 128
Decimal	14720640
CIE _{Lab}	70.77, 20.98, 25.48
CIE _{LCh}	71, 33.005, 50.533
Yxy	41.8595, 0.4084, 0.3648
Android (android.graphics.Color)	4292910720 (0xFFE09E80)
YUV	174.3140, -22.8328, 43.5746
Hunter-Lab	64.6989, 16.0704, 21.4337

Details

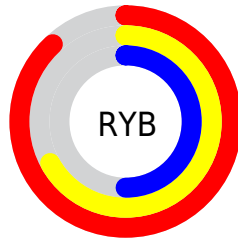
The XYZ color **46.8636, 41.8595, 26.0318** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.6476, 48.5527, 77.6974**, and the grayscale version is **40.4907, 42.5993, 46.3907**.

A 20% lighter version of the original color is **73.3747, 72.1847, 53.7818**, and **22.2912, 18.9796, 9.8857** is the 20% darker color. If you saturate the color by 10%, you get **43.0848, 36.4067, 18.2836**, and if you desaturate by 10%, it is **51.2991, 48.1048, 35.6053**.

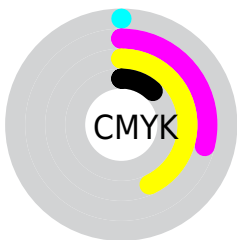
Distribution



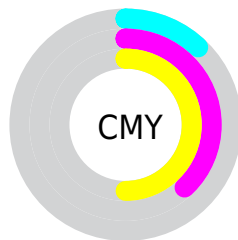
- Red (88%)
- Green (62%)
- Blue (50%)



- Red (88%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8636, 41.8595, 26.0318 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 46.8636, 41.8595, 26.0318 by changing the saturation by 10% instead.


 46.8636, 41.8595,
26.0318

 46.8636, 41.8595,
26.0318


364.9278,
353.9002, 296.5486


 33.1353, 28.9913,
16.6215


 84.7300, 77.9869,
54.3110

 22.3899, 19.0742,
9.8059


 109.5988,
102.0150, 74.0168

 14.2619, 11.7239,
5.1665


 138.9118,
130.5317, 97.9917

 8.3859, 6.5560,
2.2848

173.0344,
163.9216, 126.6540

 4.3967, 3.1860,
0.7227

212.3320,
202.5690, 160.4222

 1.9289, 1.2296,
0.0000

257.1698,

 0.5936, 0.0857,

246.8583, 199.7151

0.0000

307.9133,
297.1739, 244.9510

■ 0.0000, 0.0000,
0.0000

■ 46.8636, 41.8595,
26.0318

■ 46.8636, 41.8595,
26.0318

■ 43.0848, 36.4067,
18.2836

■ 51.2991, 48.1048,
35.6053

■ 39.9258, 31.7075,
12.2403

■ 56.4194, 55.1674,
47.1092

■ 37.3505, 27.7284,
7.7704


■ 62.2545, 63.0785,
60.6434


■ 35.3172, 24.4307,
4.7220


■ 68.8319, 71.8657,
76.3001

■ 33.7773, 21.7713,
2.9123

■ 76.1772, 81.5553,
94.1659

 32.9313, 20.2290,
2.1689

 83.1001, 91.6867,
107.9252

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



50.4872, 41.8595, 35.7952



46.8636, 41.8595, 26.0318



41.5438, 41.8595, 21.8290

Triad

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



46.8636, 41.8595, 26.0318



30.2751, 41.8595, 40.7944



43.5960, 41.8595, 80.0639

Complementary

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



46.8636, 41.8595, 26.0318



41.6476, 48.5527, 77.6974

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.



38.0789, 41.8595, 82.2759



46.8636, 41.8595, 26.0318



30.7154, 41.8595, 56.9979

Square

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



46.8636, 41.8595, 26.0318



32.1964, 41.8595, 28.9673



33.4598, 41.8595, 73.0559



48.4838, 41.8595, 67.5658

Rectangle

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



46.8636, 41.8595, 26.0318



37.8917, 41.8595, 21.8887



33.4598, 41.8595, 73.0559



41.7428, 41.8595, 82.1315

Sweetspot

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



46.8647, 41.8615, 26.0326



83.3208, 84.3580, 80.8931



48.3328, 35.2352, 56.0022



17.4445, 17.5309, 16.4019



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.



46.8647, 41.8615, 26.0326



58.5016, 49.8656, 25.9270



56.4203, 60.9729, 29.2179



14.0550, 14.3960, 14.3447



19.2591, 11.9560, 1.2927



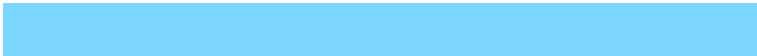
1.4131, 0.9851, 0.1157

Inverse Universe

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



41.6476, 48.5527, 77.6974



50.6361, 59.8481, 103.4908



32.8219, 30.9012, 74.7555



13.7363, 14.8118, 17.5227



14.6636, 16.7968, 43.5176



1.0953, 1.3220, 3.0427

Previews

White Background



This preview shows how the XYZ color 46.8636, 41.8595, 26.0318 looks on a white background.

Color Contrast Check

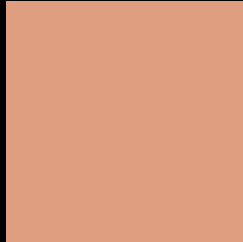
Large Text (above 18pt) WCAG AA × Fail

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 46.8636, 41.8595, 26.0318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

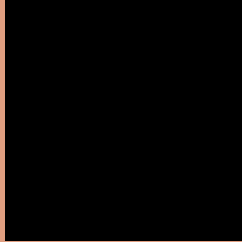
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8636, 41.8595, 26.0318

Background



This preview shows how black text looks on a background with the XYZ color 46.8636, 41.8595, 26.0318.



This preview shows how white text looks on a background with the XYZ color 46.8636, 41.8595,

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

46.8636, 41.8595, 26.0318

Protanopia

39.3243, 41.9507, 28.9464

Deuteranopia

42.8557, 41.9006, 25.5675



Tritanopia

49.8613, 41.8300, 41.0433

Trichromacy



Original Color

46.8636, 41.8595, 26.0318

Protanomaly

41.7207, 41.8133, 27.7017

Deuteranomaly

44.3685, 41.8728, 25.8225

Tritanomaly

48.7529, 41.8784, 35.2196

Monochromacy



Original Color

46.8636, 41.8595, 26.0318

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.8267, 41.6461, 37.7323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8636, 41.8595, 26.0318 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(224, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 128)  
}
```

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(224, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 128) }
```

Border

The CSS property to change the border of an element to XYZ 46.8636, 41.8595, 26.0318 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(224, 158, 128) }
```


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

```
.border{ border-color:rgb(224, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8636, 41.8595, 26.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 128) }
```

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

```
.background{ background-color: rgb(224,  
158, 128) }
```

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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