

Converting Colors

XYZ(46.9485, 41.1141, 27.3106)

Have a look what the booklet for
XYZ(46.9485, 41.1141, 27.3106)
contains.

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Color

**XYZ(46.9375, 41.1162,
27.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	E19B84
RGB	225, 155, 132
RGB Percent	88%, 61%, 52%
CMY	0.1176, 0.3921, 0.4823
CMYK	0.00, 0.31, 0.41, 0.12
HSL	15°, 61%, 70%
HSV	15°, 41%, 88%
XYZ	46.9375, 41.1162, 27.2921
YIQ	173.3080, 49.1030, 7.6870

Conversions

Conversions Part 2

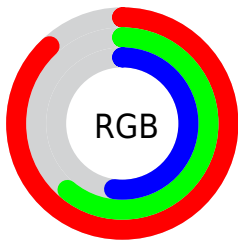
Format	Color
R _Y B	225, 163, 132
Decimal	14785412
CIE Lab	70.26, 23.41, 22.62
CIE LCh	70, 32.554, 44.009
Yxy	41.1162, 0.4069, 0.3565
Android (android.graphics.Color)	4292975492 (0xFFE19B84)
YUV	173.3080, -20.3648, 45.3339
Hunter-Lab	64.1219, 18.4494, 19.6498

Details

The XYZ color **46.9375, 41.1162, 27.2921** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.2258, 52.5805, 79.0521**, and the grayscale version is **39.9618, 42.0429, 45.7848**.

A 20% lighter version of the original color is **73.0435, 70.8560, 55.7257**, and **22.3096, 18.5252, 10.3825** is the 20% darker color. If you saturate the color by 10%, you get **42.9374, 35.3201, 19.1643**, and if you desaturate by 10%, it is **51.6670, 47.8397, 37.3020**.

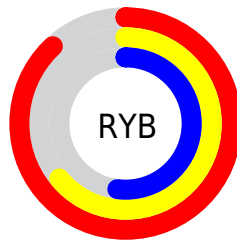
Distribution



Red (88%)

Green (61%)

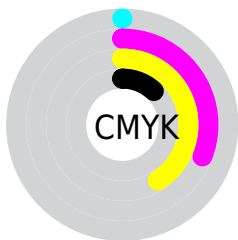
Blue (52%)



Red (88%)

Yellow (64%)

Blue (52%)

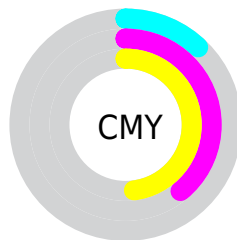


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9375, 41.1162, 27.2921 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 46.9375, 41.1162, 27.2921 by changing the saturation by 10% instead.


 46.9375, 41.1162,
27.2921

 46.9375, 41.1162,
27.2921


365.2181,
350.8060, 302.8734

 33.1940, 28.4099,
17.5583


 84.8396, 76.8603,
56.3617

 22.4350, 18.6349,
10.4672


 109.7290,
100.6668, 76.5346

 14.2953, 11.4067,
5.6002


 139.0643,
128.9422, 101.0242

 8.4094, 6.3411,
2.5387

173.2109,
162.0709, 130.2492

 4.4120, 3.0536,
0.8606

212.5343,
200.4372, 164.6281

 1.9378, 1.1598,
0.0000

257.3997,

 0.5986, 0.0285,

244.4256, 204.5794

0.0000

308.1725,
294.4204, 250.5217

■ 0.0000, 0.0000,
0.0000

■ 46.9375, 41.1162,
27.2921

■ 46.9375, 41.1162,
27.2921

■ 42.9374, 35.3201,
19.1643

■ 51.6670, 47.8397,
37.3020

■ 39.6257, 30.4039,
12.7971

■ 57.1578, 55.5231,
49.3001

■ 36.9618, 26.3251,
8.0588

■ 63.4436, 64.2049,
63.3873

■ 34.8992, 23.0348,
4.7974

■ 70.5552, 73.9195,
79.6572

■ 33.3843, 20.4786,
2.8320

■ 78.5217, 84.6998,
98.1976

■ 32.4489, 18.8028,
1.9191

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



49.9097, 41.1162, 38.0225



46.9375, 41.1162, 27.2921



41.9765, 41.1162, 22.0371

Triad

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



46.9375, 41.1162, 27.2921



30.0190, 41.1162, 37.1480



41.6176, 41.1162, 79.7799

Complementary

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



46.9375, 41.1162, 27.2921



44.2258, 52.5805, 79.0521

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.



36.3194, 41.1162, 79.3936



46.9375, 41.1162, 27.2921



29.9420, 41.1162, 52.2688

Square

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



46.9375, 41.1162, 27.2921



32.3729, 41.1162, 26.7782



32.1518, 41.1162, 68.4576



46.6543, 41.1162, 69.4168

Rectangle

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



46.9375, 41.1162, 27.2921



38.3665, 41.1162, 21.3794



32.1518, 41.1162, 68.4576



39.8017, 41.1162, 80.9652

Sweetspot

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



46.9385, 41.1182, 27.2929



83.5969, 84.3596, 82.6828



50.1180, 36.8365, 61.1562



17.6472, 17.7181, 17.1420



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.



46.9385, 41.1182, 27.2929



57.5084, 47.6152, 26.4096



55.9168, 59.0748, 30.2857



13.9813, 14.2485, 14.3201



18.7763, 10.9904, 1.1317



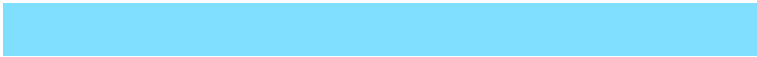
1.3715, 0.9020, 0.1018

Inverse Universe

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



44.2258, 52.5805, 79.0521



53.3880, 64.7923, 104.3001



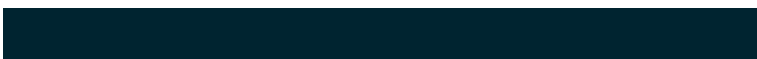
35.1298, 34.3884, 76.0200



13.8144, 14.9679, 17.5487



16.1406, 19.7508, 44.0099



1.1879, 1.5072, 3.0736

Previews

White Background



This preview shows how the XYZ color 46.9375, 41.1162, 27.2921 looks on a white background.

Color Contrast Check

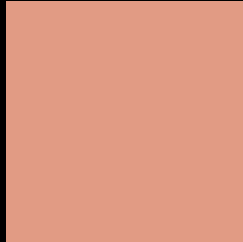
Large Text (above 18pt) WCAG AA × Fail

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 46.9375, 41.1162, 27.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

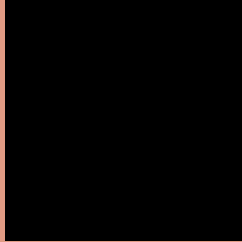
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9375, 41.1162, 27.2921

Background



This preview shows how black text looks on a background with the XYZ color 46.9375, 41.1162, 27.2921.



This preview shows how white text looks on a background with the XYZ color 46.9375, 41.1162,

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

46.9375, 41.1162, 27.2921

Protanopia

38.7776, 41.3436, 30.7473

Deuteranopia

42.1130, 41.2185, 26.8555



Tritanopia

49.5831, 41.2358, 39.5284

Trichromacy



Original Color

46.9375, 41.1162, 27.2921

Protanomaly

41.4403, 41.0843, 29.4128

Deuteranomaly

43.7056, 40.9773, 27.0786

Tritanomaly

48.4927, 41.0217, 34.6403

Monochromacy



Original Color

46.9375, 41.1162, 27.2921

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.5460, 40.9475, 38.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9375, 41.1162, 27.2921 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(225, 155, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 155, 132)  
}
```

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(225, 155, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 155, 132) }
```

Border

The CSS property to change the border of an element to XYZ 46.9375, 41.1162, 27.2921 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(225, 155, 132) }
```


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

```
.border{ border-color:rgb(225, 155, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 155, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 155, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 155, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 155,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9375, 41.1162, 27.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 155, 132) }
```

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

```
.background{ background-color: rgb(225,  
155, 132) }
```

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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