

Converting Colors

XYZ(48.8590, 41.7645, 28.9565)

Have a look what the booklet for
XYZ(48.8590, 41.7645, 28.9565)
contains.

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Color

**XYZ(48.9545, 41.8777,
28.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	E79A88
RGB	231, 154, 136
RGB Percent	91%, 60%, 53%
CMY	0.0941, 0.3961, 0.4667
CMYK	0.00, 0.33, 0.41, 0.09
HSL	11°, 66%, 72%
HSV	11°, 41%, 91%
XYZ	48.9545, 41.8777, 28.7956
YIQ	174.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

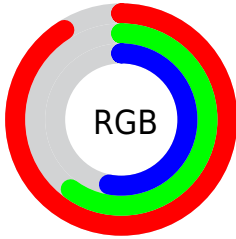
Format	Color
R _Y B	231, 158, 136
Decimal	15178376
CIE Lab	70.79, 26.71, 21.26
CIE LCh	71, 34.139, 38.508
Yxy	41.8777, 0.4092, 0.3501
Android (android.graphics.Color)	4293368456 (0xFFE79A88)
YUV	174.9710, -19.2127, 49.1374
Hunter-Lab	64.7130, 21.7851, 18.9166

Details

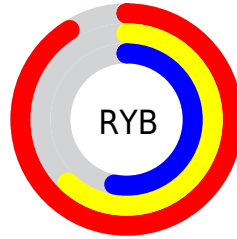
The XYZ color **48.9545, 41.8777, 28.7956** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.3703, 58.5898, 84.3607**, and the grayscale version is **40.8111, 42.9364, 46.7578**.

A 20% lighter version of the original color is **73.2258, 70.5351, 57.8993**, and **23.6647, 19.0589, 11.2356** is the 20% darker color. If you saturate the color by 10%, you get **44.6337, 35.5863, 20.1101**, and if you desaturate by 10%, it is **54.1132, 49.2786, 39.5066**.

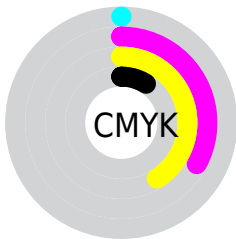
Distribution



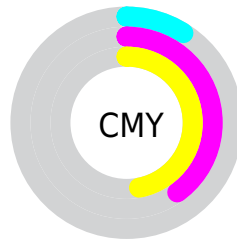
- Red (91%)
- Green (60%)
- Blue (53%)



- Red (91%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9545, 41.8777, 28.7956 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 48.9545, 41.8777, 28.7956 by changing the saturation by 10% instead.


 48.9545, 41.8777,
28.7956

 48.9545, 41.8777,
28.7956


373.0831,
353.9757, 310.2800


 34.7978, 29.0055,
18.6820


 87.8250, 78.0145,
58.7905

 23.6729, 19.0850,
11.2662


 113.2695,
102.0479, 79.5088

 15.2146, 11.7317,
6.1298


 143.2073,
130.5706, 104.5992

 9.0574, 6.5613,
2.8541

178.0037,
163.9668, 134.4801

 4.8361, 3.1893,
1.0206

218.0242,
202.6210, 169.5701

 2.1852, 1.2313,
0.0000

263.6340,

 0.7349, 0.0871,

246.9177, 210.2877

0.0000

315.1985,
297.2411, 257.0515

■ 0.0000, 0.0000,
0.0000

■ 48.9545, 41.8777,
28.7956

■ 48.9545, 41.8777,
28.7956

■ 44.6337, 35.5863,
20.1101

■ 54.1132, 49.2786,
39.5066

■ 41.1024, 30.3445,
13.3193

■ 60.1483, 57.8328,
52.3578

■ 38.3119, 26.0961,
8.2811

■ 67.0998, 67.5893,
67.4580

■ 36.2066, 22.7769,
4.8319

■ 75.0042, 78.5925,
84.9079

■ 34.7224, 20.3146,
2.7765

■ 83.8960, 90.8842,
104.8022

■ 33.8475, 18.7740,
1.8398

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



51.5831, 41.8777, 41.1345



48.9545, 41.8777, 28.7956



43.9310, 41.8777, 22.2867

Triad

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



48.9545, 41.8777, 28.7956



30.5004, 41.8777, 35.0925



41.4376, 41.8777, 83.9523

Complementary

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



48.9545, 41.8777, 28.7956



48.3703, 58.5898, 84.3607

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.



35.9429, 41.8777, 81.2381



48.9545, 41.8777, 28.7956



29.9694, 41.8777, 50.3725

Square

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



48.9545, 41.8777, 28.7956



33.3967, 41.8777, 25.2762



31.8705, 41.8777, 67.9204



46.9813, 41.8777, 74.6396

Rectangle

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



48.9545, 41.8777, 28.7956



40.0880, 41.8777, 20.9735



31.8705, 41.8777, 67.9204



39.5204, 41.8777, 84.4533

Sweetspot

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



48.9556, 41.8797, 28.7964



83.1013, 83.3683, 82.5176



53.8437, 39.4314, 68.1128



17.5313, 17.4863, 17.1033



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.



48.9556, 41.8797, 28.7964



56.7840, 45.8957, 27.0026



58.2662, 60.5011, 31.9000



14.5969, 14.8077, 14.9933



19.0422, 10.6586, 1.0537



1.4702, 0.9136, 0.0989

Inverse Universe

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



48.3703, 58.5898, 84.3607



55.9287, 69.3000, 105.0362



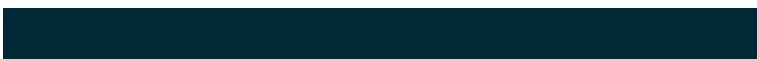
38.2289, 38.3069, 80.9802



14.5631, 15.8476, 18.4357



18.1611, 23.3843, 45.9396



1.4021, 1.8481, 3.4148

Previews

White Background



This preview shows how the XYZ color 48.9545, 41.8777, 28.7956 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 48.9545, 41.8777, 28.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

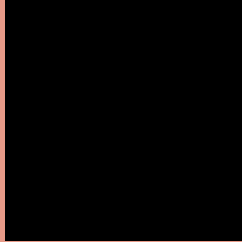
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9545, 41.8777, 28.7956

Background



This preview shows how black text looks on a background with the XYZ color 48.9545, 41.8777, 28.7956.



This preview shows how white text looks on a background with the XYZ color 48.9545, 41.8777,

28.7956.

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

48.9545, 41.8777, 28.7956

Protanopia

39.5828, 41.9988, 32.8084

Deuteranopia

43.0236, 42.1960, 28.4313



Tritanopia

51.0322, 41.7450, 39.5503

Trichromacy



Original Color

48.9545, 41.8777, 28.7956

Protanomaly

42.3381, 41.5048, 31.3710

Deuteranomaly

45.0251, 41.8861, 28.6334

Tritanomaly

50.0951, 41.5889, 35.5242

Monochromacy



Original Color

48.9545, 41.8777, 28.7956

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.7574, 41.8127, 39.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9545, 41.8777, 28.7956 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(231, 154, 136)` looks like.

```
.text, #text, p{  
    color:rgb(231, 154, 136)  
}
```

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(231, 154, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 154, 136) }
```

Border

The CSS property to change the border of an element to XYZ 48.9545, 41.8777, 28.7956 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(231, 154, 136) }
```


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

```
.border{ border-color:rgb(231, 154, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 154, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 154, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 154, 136);  
box-shadow:4px 4px 4px 4px rgb(231, 154,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9545, 41.8777, 28.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 154, 136) }
```

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

```
.background{ background-color: rgb(231,  
154, 136) }
```

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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