

Converting Colors

XYZ(49.2982, 41.7482, 25.7113)

Have a look what the booklet for
XYZ(49.2982, 41.7482, 25.7113)
contains.

XYZ(49.3855, 41.6772, 25.8637)	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(49.3855, 41.6772,
25.8637)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9880
RGB	235, 152, 128
RGB Percent	92%, 60%, 50%
CMY	0.0784, 0.4039, 0.4980
CMYK	0.00, 0.35, 0.46, 0.08
HSL	13°, 73%, 71%
HSV	13°, 46%, 92%
XYZ	49.3855, 41.6772, 25.8637
YIQ	174.0810, 57.1720, 10.1320

Conversions

Conversions Part 2

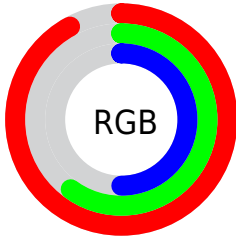
Format	Color
R_{YB}	235, 159, 128
Decimal	15440000
CIE _{Lab}	70.65, 28.49, 25.53
CIE _{LCh}	71, 38.252, 41.869
Yxy	41.6772, 0.4224, 0.3564
Android (android.graphics.Color)	4293630080 (0xFFEB9880)
YUV	174.0810, -22.7179, 53.4260
Hunter-Lab	64.5579, 23.5727, 21.4373

Details

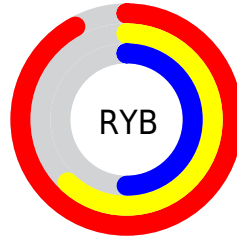
The XYZ color **49.3855, 41.6772, 25.8637** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.1906, 57.1733, 87.1455**, and the grayscale version is **40.3673, 42.4695, 46.2493**.

A 20% lighter version of the original color is **71.8933, 69.2218, 53.2880**, and **23.8730, 18.9090, 9.7887** is the 20% darker color. If you saturate the color by 10%, you get **45.2797, 35.6609, 17.7274**, and if you desaturate by 10%, it is **54.3063, 48.7502, 36.0396**.

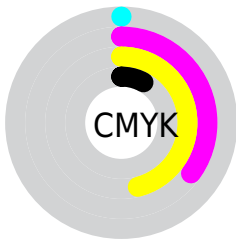
Distribution



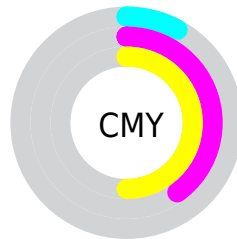
- Red (92%)
- Green (60%)
- Blue (50%)



- Red (92%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (8%)




- Cyan (8%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3855, 41.6772, 25.8637 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 49.3855, 41.6772, 25.8637 by changing the saturation by 10% instead.


 49.3855, 41.6772,
25.8637


 49.3855, 41.6772,
25.8637


374.7498,
353.1431, 295.6965

 35.1412, 28.8486,
16.4969


 88.4610, 77.7108,
54.0364

 23.9387, 18.9663,
9.7183


 114.0229,
101.6847, 73.6793

 15.4126, 11.6460,
5.1094

 144.0881,
130.1424, 97.5846

 9.1977, 6.5031,
2.2517

179.0218,
163.4684, 126.1709

 4.9285, 3.1533,
0.7040

219.1895,
202.0471, 159.8567

 2.2397, 1.2123,
0.0000

264.9565,

 0.7635, 0.0717,

246.2628, 199.0605

0.0000

316.6881,
296.5000, 244.2009

■ 0.0000, 0.0000,
0.0000

■ 49.3855, 41.6772,
25.8637

■ 49.3855, 41.6772,
25.8637

■ 45.2797, 35.6609,
17.7274

■ 54.3063, 48.7502,
36.0396

■ 41.9399, 30.6437,
11.4892

■ 60.0810, 56.9215,
48.3785

■ 39.3166, 26.5718,
6.9935

■ 66.7496, 66.2380,
62.9969

■ 37.3525, 23.3834,
4.0582

■ 74.3488, 76.7420,
80.0022

■ 35.9801, 21.0085,
2.4604

■ 82.9130, 88.4735,
99.4951

■ 35.5214, 20.1831,
2.0235

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



52.7578, 41.6772, 38.5811



49.3855, 41.6772, 25.8637



43.5226, 41.6772, 19.6595

Triad

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



49.3855, 41.6772, 25.8637



29.1353, 41.6772, 35.3732



42.1693, 41.6772, 88.7537

Complementary

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



49.3855, 41.6772, 25.8637



47.1906, 57.1733, 87.1455

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.



35.9447, 41.6772, 87.2212



49.3855, 41.6772, 25.8637



28.8557, 41.6772, 52.9328

Square

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



49.3855, 41.6772, 25.8637



32.0321, 41.6772, 24.0564



31.2229, 41.6772, 72.8467



48.3044, 41.6772, 76.6012

Rectangle

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



49.3855, 41.6772, 25.8637



39.2174, 41.6772, 18.6953



31.2229, 41.6772, 72.8467



40.0112, 41.6772, 89.8950

Sweetspot

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



49.3865, 41.6793, 25.8645



81.6195, 81.4978, 78.6539



53.8408, 37.8451, 66.6334



17.0699, 16.8883, 15.9481



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.



49.3865, 41.6793, 25.8645



54.6322, 43.1162, 21.5872



59.9130, 62.7321, 29.3733



15.3396, 15.6021, 15.7217



19.8476, 11.3894, 1.1523



1.6289, 1.0352, 0.1140

Inverse Universe

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



47.1906, 57.1733, 87.1455



51.6182, 63.9095, 104.2229



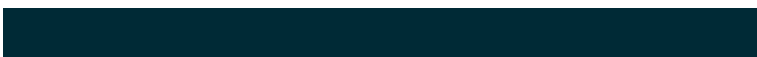
36.1788, 35.1497, 83.4748



15.2144, 16.5153, 19.3081



17.7869, 22.2207, 47.0945



1.4669, 1.8853, 3.7215

Previews

White Background



This preview shows how the XYZ color 49.3855, 41.6772, 25.8637 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 49.3855, 41.6772, 25.8637 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 49.3855, 41.6772, 25.8637

Background



This preview shows how black text looks on a background with the XYZ color 49.3855, 41.6772, 25.8637.



This preview shows how white text looks on a background with the XYZ color 49.3855, 41.6772,

25.8637.

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

49.3855, 41.6772, 25.8637

Protanopia

39.2261, 41.8836, 29.6838

Deuteranopia

42.5147, 41.7322, 25.2164



Tritanopia

52.1078, 41.8602, 38.1343

Trichromacy



Original Color

49.3855, 41.6772, 25.8637

Protanomaly

42.3868, 41.3280, 28.2973

Deuteranomaly

44.8297, 41.5950, 25.4045

Tritanomaly

51.0178, 41.6375, 33.3649

Monochromacy



Original Color

49.3855, 41.6772, 25.8637

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.4870, 41.4425, 37.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3855, 41.6772, 25.8637 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(235, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(235, 152, 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(235, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 152, 128) }
```

Border

The CSS property to change the border of an element to XYZ 49.3855, 41.6772, 25.8637 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(235, 152, 128) }
```


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

```
.border{ border-color:rgb(235, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(235, 152,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3855, 41.6772, 25.8637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 152, 128) }
```

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

```
.background{ background-color: rgb(235,  
152, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor