

Converting Colors

XYZ(41.7541, 34.7215, 25.6739)

Have a look what the booklet for
XYZ(41.7541, 34.7215, 25.6739)
contains.

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Color

**XYZ(41.8772, 34.8287,
25.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	D98B82
RGB	217, 139, 130
RGB Percent	85%, 55%, 51%
CMY	0.1490, 0.4549, 0.4902
CMYK	0.00, 0.36, 0.40, 0.15
HSL	6°, 53%, 68%
HSV	6°, 40%, 85%
XYZ	41.8772, 34.8287, 25.6345
YIQ	161.2960, 49.3770, 13.7370

Conversions

Conversions Part 2

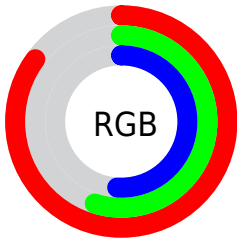
Format	Color
R _Y B	217, 140, 130
Decimal	14257026
CIE Lab	65.62, 28.68, 17.22
CIE LCh	66, 33.450, 30.984
Yxy	34.8287, 0.4092, 0.3403
Android (android.graphics.Color)	4292447106 (0xFFD98B82)
YUV	161.2960, -15.4289, 48.8524
Hunter-Lab	59.0158, 23.3845, 15.5575

Details

The XYZ color **41.8772, 34.8287, 25.6345** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.2852, 54.8650, 73.9016**, and the grayscale version is **34.0683, 35.8425, 39.0325**.

A 20% lighter version of the original color is **68.8572, 62.8188, 53.2958**, and **19.4721, 15.0471, 9.6627** is the 20% darker color. If you saturate the color by 10%, you get **38.0008, 29.1663, 17.8983**, and if you desaturate by 10%, it is **46.5638, 41.6198, 35.1568**.

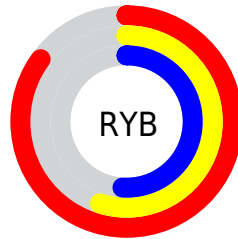
Distribution



Red (85%)

Green (55%)

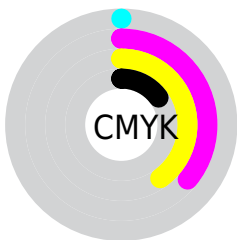
Blue (51%)



Red (85%)

Yellow (55%)

Blue (51%)

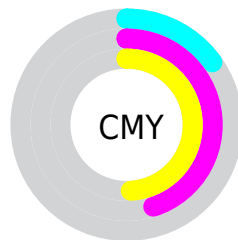


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8772, 34.8287, 25.6345 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 41.8772, 34.8287, 25.6345 by changing the saturation by 10% instead.


 41.8772, 34.8287,
25.6345


 41.8772, 34.8287,
25.6345

344.9739,
323.8116, 294.5314


 29.1958, 23.5310,
16.3271


 77.2801, 67.2203,
53.6615

 19.3740, 14.9860,
9.5991

 100.7323, 89.0830,
73.2183

 12.0465, 8.8096,
5.0318


 128.5055,
115.2360, 97.0285

 6.8478, 4.6172,
2.2069

160.9651,
146.0639, 125.5108

 3.4126, 2.0245,
0.6783

198.4763,
181.9510, 159.0837

 1.3755, 0.6216,
0.0000

241.4047,

 0.2387, 0.0000,

223.2818, 198.1657

0.0000

290.1154,
270.4405, 243.1755

■ 0.0000, 0.0000,
0.0000

■ 41.8772, 34.8287,
25.6345

■ 41.8772, 34.8287,
25.6345

■ 38.0008, 29.1663,
17.8983

■ 46.5638, 41.6198,
35.1568

■ 34.8859, 24.5665,
11.8347

■ 52.1002, 49.5909,
46.5649

■ 32.4826, 20.9643,
7.3205

■ 58.5269, 58.7961,
59.9538

■ 30.7339, 18.2855,
4.2145

■ 65.8807, 69.2849,
75.4111

■ 29.5740, 16.4450,
2.3496

■ 74.1965, 81.1040,
93.0195

■ 28.9111, 15.3433,
1.4378

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



43.4714, 34.8287, 37.4601



41.8772, 34.8287, 25.6345



37.8986, 34.8287, 18.8484

Triad

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



41.8772, 34.8287, 25.6345



25.5134, 34.8287, 26.2589



33.2660, 34.8287, 71.8990

Complementary

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



41.8772, 34.8287, 25.6345



44.2852, 54.8650, 73.9016

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.



28.7312, 34.8287, 66.8292



41.8772, 34.8287, 25.6345



24.5311, 34.8287, 38.3888

Square

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



41.8772, 34.8287, 25.6345



28.4765, 34.8287, 19.1412



25.6500, 34.8287, 53.6180



38.2067, 34.8287, 66.1541

Rectangle

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



41.8772, 34.8287, 25.6345



34.6057, 34.8287, 16.9926



25.6500, 34.8287, 53.6180



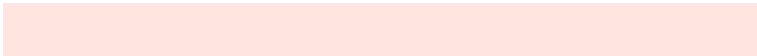
31.6457, 34.8287, 71.3944

Sweetspot

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



41.8781, 34.8304, 25.6352



82.3734, 81.9126, 82.2749



48.0202, 35.2861, 64.1483



17.3614, 17.1465, 17.0467



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.



41.8781, 34.8304, 25.6352



55.6126, 43.2756, 27.4676



49.4136, 49.9015, 28.1470



13.1640, 13.2673, 13.5926



17.5376, 9.3608, 0.8825



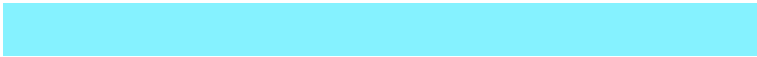
1.1738, 0.6817, 0.0697

Inverse Universe

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



44.2852, 54.8650, 73.9016



59.5105, 75.8754, 106.1166



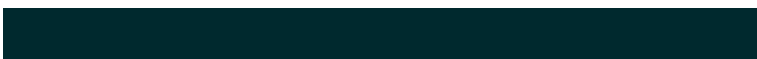
35.1497, 36.5941, 70.8565



13.3237, 14.5872, 16.7655



19.3783, 26.6261, 43.8564



1.2893, 1.7927, 2.8525

Previews

White Background



This preview shows how the XYZ color 41.8772, 34.8287, 25.6345 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 41.8772, 34.8287, 25.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

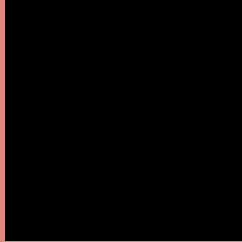
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8772, 34.8287, 25.6345

Background



This preview shows how black text looks on a background with the XYZ color 41.8772, 34.8287, 25.6345.



This preview shows how white text looks on a background with the XYZ color 41.8772, 34.8287,

25.6345.

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

41.8772, 34.8287, 25.6345

Protanopia

33.0681, 34.9052, 29.8054

Deuteranopia

35.4717, 34.7539, 24.9173



Tritanopia

43.1256, 34.9033, 32.0678

Trichromacy



Original Color

41.8772, 34.8287, 25.6345

Protanomaly

35.6798, 34.5483, 28.0805

Deuteranomaly

37.5121, 34.6086, 25.1251

Tritanomaly

42.8096, 35.0055, 29.6997

Monochromacy



Original Color

41.8772, 34.8287, 25.6345

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.9523, 34.8082, 33.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8772, 34.8287, 25.6345 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(217, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 130)  
}
```

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(217, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 130) }
```

Border

The CSS property to change the border of an element to XYZ 41.8772, 34.8287, 25.6345 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(217, 139, 130) }
```


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

```
.border{ border-color:rgb(217, 139, 130) }
```

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

Here you see how a box with a 4 pixel rgb(217, 139, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8772, 34.8287, 25.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 130) }
```

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

```
.background{ background-color: rgb(217,  
139, 130) }
```

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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