

Converting Colors

XYZ(41.2862, 34.5240, 25.6069)

Have a look what the booklet for
XYZ(41.2862, 34.5240, 25.6069)
contains.

XYZ(41.2862, 34.5240, 25.6069)	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(41.2862, 34.5240,
25.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	D78B82
RGB	215, 139, 130
RGB Percent	84%, 55%, 51%
CMY	0.1569, 0.4549, 0.4902
CMYK	0.00, 0.35, 0.40, 0.16
HSL	6°, 52%, 68%
HSV	6°, 40%, 84%
XYZ	41.2862, 34.5240, 25.6069
YIQ	160.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

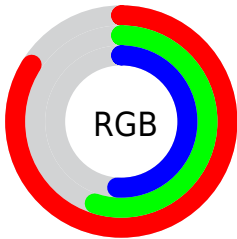
Format	Color
R_{YB}	215, 140, 130
Decimal	14125954
CIE _{Lab}	65.38, 27.91, 16.85
CIE _{LCh}	65, 32.602, 31.127
Yxy	34.5240, 0.4071, 0.3404
Android (android.graphics.Color)	4292316034 (0xFFD78B82)
YUV	160.6980, -15.1341, 47.6229
Hunter-Lab	58.7571, 22.5996, 15.2909

Details

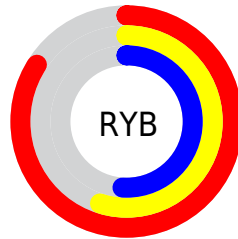
The XYZ color **41.2862, 34.5240, 25.6069** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5420, 53.7926, 72.3780**, and the grayscale version is **33.7893, 35.5489, 38.7128**.

A 20% lighter version of the original color is **68.8572, 62.8188, 53.2958**, and **19.0755, 14.8426, 9.6441** is the 20% darker color. If you saturate the color by 10%, you get **37.4483, 28.9214, 17.9363**, and if you desaturate by 10%, it is **45.9168, 41.2293, 35.0300**.

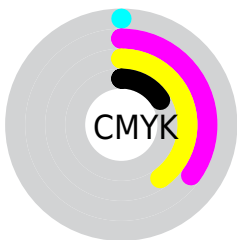
Distribution



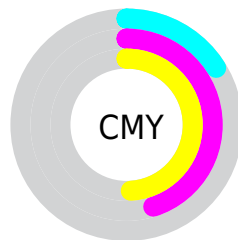
- Red (84%)
- Green (55%)
- Blue (51%)



- Red (84%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2862, 34.5240, 25.6069 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 41.2862, 34.5240, 25.6069 by changing the saturation by 10% instead.


 41.2862, 34.5240,
25.6069


 41.2862, 34.5240,
25.6069


342.5576,
322.4623, 294.3908

 28.7314, 23.2964,
16.3067


 76.3901, 66.7477,
53.6164

 19.0210, 14.8125,
9.5847


 99.6700, 88.5126,
73.1627

 11.7896, 8.6879,
5.0225


 127.2556,
114.5588, 96.9615

 6.6717, 4.5382,
2.2015

159.5124,
145.2707, 125.4312

 3.3022, 1.9789,
0.6752

196.8056,
181.0325, 158.9905

 1.3155, 0.5952,
0.0000

239.5006,

 0.1948, 0.0000,

222.2288, 198.0578

0.0000

287.9628,
269.2439, 243.0517

■ 0.0000, 0.0000,
0.0000

■ 41.2862, 34.5240,
25.6069

■ 41.2862, 34.5240,
25.6069

■ 37.4483, 28.9214,
17.9363

■ 45.9168, 41.2293,
35.0300

■ 34.3558, 24.3575,
11.9078

■ 51.3785, 49.0867,
46.3025

■ 31.9607, 20.7699,
7.4020

■ 57.7103, 58.1487,
59.5167

■ 30.2079, 18.0868,
4.2820

■ 64.9481, 68.4630,
74.7581

■ 29.0340, 16.2270,
2.3865

■ 73.1257, 80.0747,
92.1070

■ 28.3497, 15.0891,
1.4470

■ 81.6240, 92.7665,
108.2114

■ 28.3263, 15.0510,
1.4122

■ 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



42.8385, 34.5240, 37.0779



41.2862, 34.5240, 25.6069



37.4335, 34.5240, 18.9965

Triad

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



41.2862, 34.5240, 25.6069



25.4361, 34.5240, 26.3040



32.9943, 34.5240, 70.3479

Complementary

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



41.2862, 34.5240, 25.6069



43.5420, 53.7926, 72.3780

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.



28.5911, 34.5240, 65.5234



41.2862, 34.5240, 25.6069



24.4898, 34.5240, 38.1083

Square

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



41.2862, 34.5240, 25.6069



28.3078, 34.5240, 19.3252



25.5882, 34.5240, 52.8288



37.7747, 34.5240, 64.7801

Rectangle

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



41.2862, 34.5240, 25.6069



34.2457, 34.5240, 17.1893



25.5882, 34.5240, 52.8288



31.4228, 34.5240, 69.8804

Sweetspot

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



41.2871, 34.5257, 25.6076



82.3938, 81.9534, 82.2817



47.2085, 34.8932, 62.9584



17.3662, 17.1560, 17.0483



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.



41.2871, 34.5257, 25.6076



56.1896, 44.1452, 28.5364



48.5776, 49.1067, 28.0377



12.5281, 12.6304, 12.9383



16.9798, 9.0769, 0.8571



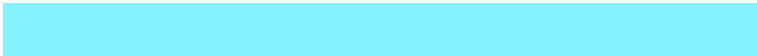
1.0608, 0.6209, 0.0639

Inverse Universe

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



43.5420, 53.7926, 72.3780



59.9083, 76.0684, 106.1329



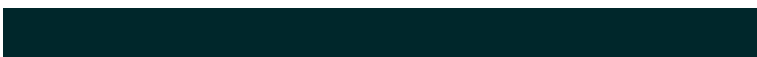
34.7474, 36.2034, 69.4465



12.6746, 13.8726, 15.9472



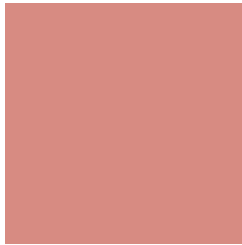
18.6868, 25.6355, 42.4164



1.1601, 1.6122, 2.5693

Previews

White Background



This preview shows how the XYZ color 41.2862, 34.5240, 25.6069 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 41.2862, 34.5240, 25.6069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

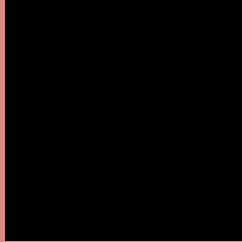
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2862, 34.5240, 25.6069

Background



This preview shows how black text looks on a background with the XYZ color 41.2862, 34.5240, 25.6069.



This preview shows how white text looks on a background with the XYZ color 41.2862, 34.5240,

25.6069.

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

41.2862, 34.5240, 25.6069

Protanopia

32.8576, 34.7967, 29.7956

Deuteranopia

35.2296, 34.6291, 24.9060



Tritanopia

42.5310, 34.5968, 32.0400

Trichromacy



Original Color

41.2862, 34.5240, 25.6069

Protanomaly

35.4393, 34.4244, 28.0693

Deuteranomaly

37.2511, 34.4741, 25.1129

Tritanomaly

42.2151, 34.6990, 29.6719

Monochromacy



Original Color

41.2862, 34.5240, 25.6069

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 41.2862, 34.5240, 25.6069 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(215, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 139, 130) }
```

Border

The CSS property to change the border of an element to XYZ 41.2862, 34.5240, 25.6069 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(215, 139, 130) }
```


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

```
.border{ border-color:rgb(215, 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(215, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 139, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 139, 130); box-shadow:4px 4px 4px 4px rgb(215, 139, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2862, 34.5240, 25.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 139, 130) }
```

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

```
.background{ background-color: rgb(215,  
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](#).

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