

Converting Colors

XYZ(41.3352, 33.6695, 25.0135)

Have a look what the booklet for
XYZ(41.3352, 33.6695, 25.0135)
contains.

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Color

**XYZ(41.2417, 33.6646,
25.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	D98781
RGB	217, 135, 129
RGB Percent	85%, 53%, 51%
CMY	0.1490, 0.4706, 0.4941
CMYK	0.00, 0.38, 0.41, 0.15
HSL	4°, 54%, 68%
HSV	4°, 41%, 85%
XYZ	41.2417, 33.6646, 25.0931
YIQ	158.8340, 50.7980, 15.5180

Conversions

Conversions Part 2

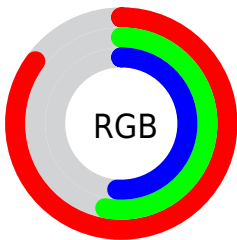
Format	Color
R_{YB}	217, 135, 129
Decimal	14256001
CIE _{Lab}	64.70, 30.71, 16.51
CIE _{LCh}	65, 34.864, 28.266
Yxy	33.6646, 0.4124, 0.3366
Android (android.graphics.Color)	4292446081 (0xFFD98781)
YUV	158.8340, -14.7082, 51.0116
Hunter-Lab	58.0212, 25.3414, 14.9730

Details

The XYZ color **41.2417, 33.6646, 25.0931** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.8709, 56.2632, 74.1406**, and the grayscale version is **32.9284, 34.6432, 37.7265**.

A 20% lighter version of the original color is **67.8811, 61.0326, 52.4587**, and **18.9164, 14.2908, 9.3508** is the 20% darker color. If you saturate the color by 10%, you get **37.3914, 28.0324, 17.4331**, and if you desaturate by 10%, it is **45.9358, 40.4940, 34.5461**.

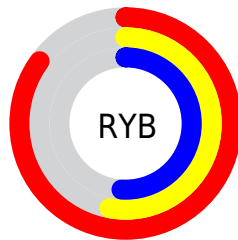
Distribution



Red (85%)

Green (53%)

Blue (51%)



Red (85%)

Yellow (53%)

Blue (51%)

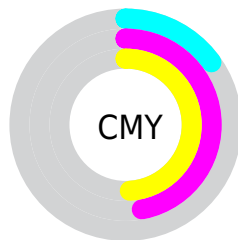


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2417, 33.6646, 25.0931 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 41.2417, 33.6646, 25.0931 by changing the saturation by 10% instead.


 41.2417, 33.6646,
25.0931


 41.2417, 33.6646,
25.0931

342.3751,
318.6339, 291.7638


 28.6965, 22.6361,
15.9268

 76.3231, 65.4118,
52.7742

 18.9945, 14.3250,
9.3186


 99.5899, 86.8992,
72.1261

 11.7703, 8.3471,
4.8499


 127.1614,
112.6416, 95.7102

 6.6585, 4.3178,
2.1023

159.4028,
143.0236, 123.9452

 3.2939, 1.8529,
0.6171

196.6795,
178.4294, 157.2494

 1.3110, 0.5198,
0.0000

239.3569,

 0.1914, 0.0000,

219.2434, 196.0416

0.0000

287.8003,
265.8502, 240.7402

0.0000, 0.0000,
0.0000

41.2417, 33.6646,
25.0931

41.2417, 33.6646,
25.0931

37.3914, 28.0324,
17.4331

45.9358, 40.4940,
34.5461

34.3323, 23.5238,
11.4511

51.5169, 48.5789,
45.8934

32.0100, 20.0649,
7.0215


58.0284, 57.9795,
59.2312


30.3620, 17.5706,
4.0006

65.5101, 68.7510,
74.6485

29.3155, 15.9429,
2.2176

73.9995, 80.9452,
92.2289

 28.7834, 15.0879,
1.3952

 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.



42.6101, 33.6646, 37.4954



41.2417, 33.6646, 25.0931



37.3295, 33.6646, 17.8590

Triad

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



41.2417, 33.6646, 25.0931



24.4918, 33.6646, 23.9876



31.7069, 33.6646, 71.6726

Complementary

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



41.2417, 33.6646, 25.0931



44.8709, 56.2632, 74.1406

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.



27.1985, 33.6646, 65.4404



41.2417, 33.6646, 25.0931



23.3113, 33.6646, 35.8273

Square

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



41.2417, 33.6646, 25.0931



27.6537, 33.6646, 17.3475



24.2490, 33.6646, 51.3140



36.7733, 33.6646, 66.6755

Rectangle

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



41.2417, 33.6646, 25.0931



33.9942, 33.6646, 15.7534



24.2490, 33.6646, 51.3140



30.0800, 33.6646, 70.7955

Sweetspot

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



41.2426, 33.6663, 25.0937



82.0781, 81.3221, 82.1765



48.2403, 35.1623, 65.9602



17.2926, 17.0088, 17.0237



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.



41.2426, 33.6663, 25.0937



54.4440, 41.2158, 26.2226



48.6713, 48.5237, 27.5700



13.1270, 13.1934, 13.5803



17.4516, 9.1888, 0.8538



1.1562, 0.6465, 0.0639

Inverse Universe

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



44.8709, 56.2632, 74.1406



60.3637, 78.1700, 106.5146



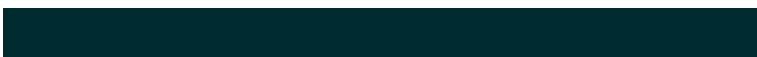
35.4211, 37.3635, 70.9907



13.3649, 14.6695, 16.7792



20.4259, 28.7213, 44.2056



1.3466, 1.9074, 2.8716

Previews

White Background



This preview shows how the XYZ color 41.2417, 33.6646, 25.0931 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 41.2417, 33.6646, 25.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

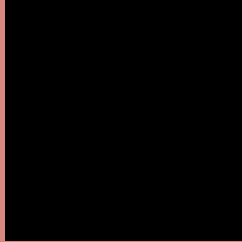
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2417, 33.6646, 25.0931

Background



This preview shows how black text looks on a background with the XYZ color 41.2417, 33.6646, 25.0931.



This preview shows how white text looks on a background with the XYZ color 41.2417, 33.6646,

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

41.2417, 33.6646, 25.0931

Protanopia

32.1004, 33.8999, 29.6624

Deuteranopia

34.3609, 33.7069, 24.4337



Tritanopia

42.2589, 33.6637, 30.2570

Trichromacy



Original Color

41.2417, 33.6646, 25.0931

Protanomaly

34.7198, 33.3397, 27.8978

Deuteranomaly

36.4618, 33.3852, 24.6009

Tritanomaly

42.0260, 33.7906, 28.3520

Monochromacy



Original Color

41.2417, 33.6646, 25.0931

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.0740, 33.6541, 32.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2417, 33.6646, 25.0931 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, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(217, 135, 129)  
}
```

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, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 135, 129) }
```

Border

The CSS property to change the border of an element to XYZ 41.2417, 33.6646, 25.0931 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, 135, 129) }
```


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

```
.border{ border-color:rgb(217, 135, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 135, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(217, 135,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2417, 33.6646, 25.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 135, 129) }
```

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

```
.background{ background-color: rgb(217,  
135, 129) }
```

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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