

Converting Colors

XYZ(41.3082, 63.5928, 31.1548)

Have a look what the booklet for
XYZ(41.3082, 63.5928, 31.1548)
contains.

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Color

**XYZ(41.3433, 63.6849,
31.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE882
RGB	125, 232, 130
RGB Percent	49%, 91%, 51%
CMY	0.5098, 0.0902, 0.4902
CMYK	0.46, 0.00, 0.44, 0.09
HSL	123°, 70%, 70%
HSV	123°, 46%, 91%
XYZ	41.3433, 63.6849, 31.2325
YIQ	188.3790, -31.0300, -54.4060

Conversions

Conversions Part 2

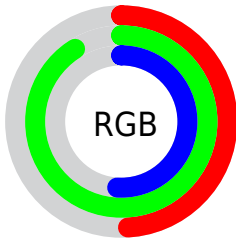
Format	Color
RYB	125, 227, 232
Decimal	8251522
CIELab	83.80, -51.34, 40.17
CIELCh	84, 65.185, 141.956
Yxy	63.6849, 0.3034, 0.4674
Android (android.graphics.Color)	4286441602 (0xFF7DE882)
YUV	188.3790, -28.7808, -55.5834
Hunter-Lab	79.8028, -47.1798, 32.6576

Details

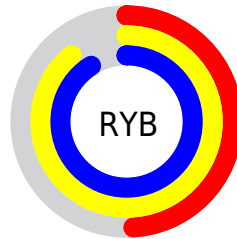
The XYZ color **41.3433, 63.6849, 31.2325** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **54.4793, 37.3702, 77.0166**, and the grayscale version is **48.1882, 50.6978, 55.2099**.

A 20% lighter version of the original color is **63.9402, 85.0480, 58.3933**, and **18.9880, 32.3827, 12.6469** is the 20% darker color. If you saturate the color by 10%, you get **37.0155, 61.6092, 24.0967**, and if you desaturate by 10%, it is **46.7843, 66.3013, 40.0884**.

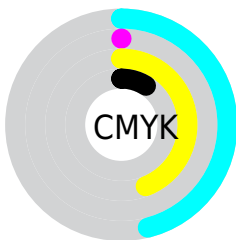
Distribution



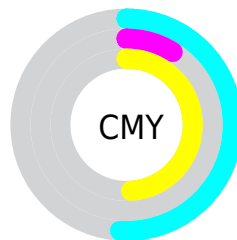
- Red (49%)
- Green (91%)
- Blue (51%)



- Red (49%)
- Yellow (89%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3433, 63.6849, 31.2325 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 41.3433, 63.6849, 31.2325 by changing the saturation by 10% instead.

41.3433, 63.6849,
31.2325

41.3433, 63.6849,
31.2325

342.7915,
438.0509, 321.9923

28.7763, 46.3955,
20.5160

76.4762, 110.1570,
62.6898

19.0551, 32.5580,
12.5829

99.7728, 140.1085,
84.2677

11.8143, 21.7881,
7.0146

127.3766,
175.0495, 110.3031

6.6887, 13.7013,
3.3927

159.6530,
215.3644, 141.2146

3.3128, 7.9132,
1.2985

196.9673,
261.4376, 177.4208

1.3212, 4.0395,
0.0605

239.6849,

0.1990, 1.6957,

313.6535, 219.3401

0.0000

288.1712,
372.3965, 267.3911

■ 0.0000, 0.4208,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3433, 63.6849,
31.2325

■ 41.3433, 63.6849,
31.2325

■ 37.0155, 61.6092,
24.0967

■ 46.7843, 66.3013,
40.0884

■ 33.7196, 60.0291,
18.5654

■ 53.4030, 69.4840,
50.7616


■ 31.3710, 58.9056,
14.5157


■ 61.2646, 73.2664,
63.3468


■ 29.8695, 58.1899,
11.8050

■ 70.4283, 77.6772,
77.9314

 29.0917, 57.8223,
10.2628

 80.9494, 82.7430,
94.5969

 28.9174, 57.7396,
9.9327

 88.1479, 86.1958,
106.5993

Harmonies

Analogous

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



50.8141, 63.6849, 18.9247



41.3433, 63.6849, 31.2325



37.1681, 63.6849, 58.8890

Triad

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



41.3433, 63.6849, 31.2325



56.7613, 63.6849, 180.3011



89.8062, 63.6849, 43.8532

Complementary

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



41.3433, 63.6849, 31.2325



54.4793, 37.3702, 77.0166

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.



92.0690, 63.6849, 80.9641



41.3433, 63.6849, 31.2325



71.4129, 63.6849, 171.1196

Square

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



41.3433, 63.6849, 31.2325



45.1073, 63.6849, 151.7619



84.8900, 63.6849, 130.1272



79.1209, 63.6849, 23.9538

Rectangle

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



41.3433, 63.6849, 31.2325



37.4043, 63.6849, 86.9825



84.8900, 63.6849, 130.1272



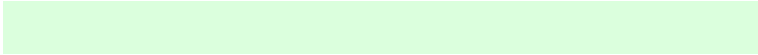
91.6382, 63.6849, 54.2640

Sweetspot

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



41.3449, 63.6876, 31.2339



78.1108, 91.8454, 81.9959



64.6936, 75.7621, 30.6161



16.2225, 19.4198, 16.7587



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.



41.3449, 63.6876, 31.2339



46.2674, 76.5359, 30.5221



45.7661, 65.4561, 54.5157



14.2165, 16.1000, 15.4049



16.0658, 32.0584, 5.5808



1.1969, 2.3729, 0.4634

Inverse Universe

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



54.4793, 37.3702, 77.0166



64.3545, 40.2694, 93.5493



48.3454, 34.9166, 44.7159



14.9645, 14.6030, 18.0133



25.7455, 12.4324, 39.1502



1.9115, 0.9223, 2.9407

Previews

White Background



This preview shows how the XYZ color 41.3433, 63.6849, 31.2325 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 41.3433, 63.6849, 31.2325 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 41.3433, 63.6849, 31.2325

Background



This preview shows how black text looks on a background with the XYZ color 41.3433, 63.6849, 31.2325.



This preview shows how white text looks on a background with the XYZ color 41.3433, 63.6849,

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

41.3433, 63.6849, 31.2325

Protanopia

58.0020, 62.9862, 27.1897

Deuteranopia

64.0778, 62.8216, 32.7933



Tritanopia

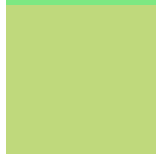
53.0920, 63.5967, 89.5979

Trichromacy



Original Color

41.3433, 63.6849, 31.2325



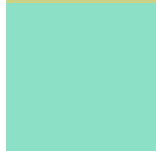
Protanomaly

49.9368, 62.1573, 28.4344



Deuteranomaly

52.5693, 61.1752, 31.9590



Tritanomaly

47.6639, 62.9640, 63.0672

Monochromacy



Original Color

41.3433, 63.6849, 31.2325



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.0850, 53.9751, 44.6539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3433, 63.6849, 31.2325 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(125, 232, 130)` looks like.

```
.text, #text, p{  
    color:rgb(125, 232, 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(125, 232, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 232, 130) }
```

Border

The CSS property to change the border of an element to XYZ 41.3433, 63.6849, 31.2325 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(125, 232, 130) }
```


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

```
.border{ border-color:rgb(125, 232, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 232, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 232, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 232, 130);  
box-shadow:4px 4px 4px 4px rgb(125, 232,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3433, 63.6849, 31.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 232, 130) }
```

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

```
.background{ background-color: rgb(125,  
232, 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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