

Converting Colors

XYZ(41.4787, 73.8322, 40.9190)

Have a look what the booklet for
XYZ(41.4787, 73.8322, 40.9190)
contains.

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Color

**XYZ(41.4787, 73.8322,
40.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	10FF96
RGB	16, 255, 150
RGB Percent	6%, 100%, 59%
CMY	0.9372, 0.0000, 0.4118
CMYK	0.94, 0.00, 0.41, 0.00
HSL	154°, 100%, 53%
HSV	154°, 94%, 100%
XYZ	41.4787, 73.8322, 40.9190
YIQ	171.5690, -108.7390, -83.3230

Conversions

Conversions Part 2

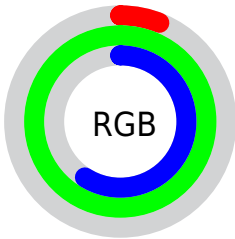
Format	Color
RYB	16, 169, 255
Decimal	1114006
CIELab	88.84, -72.65, 36.44
CIELCh	89, 81.278, 153.367
Yxy	73.8322, 0.2655, 0.4726
Android (android.graphics.Color)	4279304086 (0xFF10FF96)
YUV	171.5690, -10.6335, -136.4340
Hunter-Lab	85.9257, -64.2030, 31.9132

Details

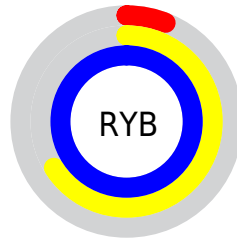
The XYZ color **41.4787, 73.8322, 40.9190** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **44.8775, 23.0118, 20.1697**, and the grayscale version is **39.0884, 41.1240, 44.7840**.

A 20% lighter version of the original color is **54.2507, 79.7793, 70.2973**, and **22.1709, 40.8143, 18.2647** is the 20% darker color. If you saturate the color by 10%, you get **40.7154, 73.5021, 38.0146**, and if you desaturate by 10%, it is **43.1464, 74.5826, 45.9354**.

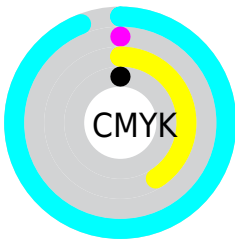
Distribution



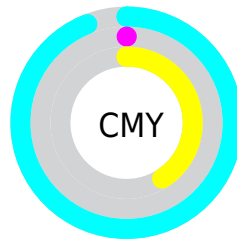
- Red (6%)
- Green (100%)
- Blue (59%)



- Red (6%)
- Yellow (66%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)




- Cyan (94%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4787, 73.8322, 40.9190 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 41.4787, 73.8322, 40.9190 by changing the saturation by 10% instead.


 41.4787, 73.8322,
40.9190


 41.4787, 73.8322,
40.9190


343.3459,
473.8940, 365.6486


 28.8826, 54.6567,
27.9366


 76.6802, 124.6579,
77.8133


 19.1359, 39.1269,
18.0392


 100.0163,
157.0769, 102.5622


 11.8731, 26.8585,
10.8084


 127.6632,
194.6792, 132.0703

 6.7289, 17.4670,
5.8256

 159.9861,
237.8492, 166.7562

 3.3380, 10.5680,
2.6723

 197.3505,
286.9713, 207.0385

 1.3349, 5.7771,
0.9294

240.1217,

 0.2091, 2.7100,

342.4299, 253.3356

0.0000

288.6650,
404.6093, 306.0661

■ 0.0000, 0.9823,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.4787, 73.8322,
40.9190

■ 41.4787, 73.8322,
40.9190

■ 40.7154, 73.5021,
38.0146

■ 43.1464, 74.5826,
45.9354

■ 45.5616, 75.7082,
51.4481

■ 48.8365, 77.2664,
57.4749

■ 53.0629, 79.3045,
64.0315

■ 58.3202, 81.8630,
71.1324

■ 64.6790, 84.9781,
78.7913

■ 72.2036, 88.6828,
87.0215

■ 80.9532, 93.0074,
95.8355

■ 90.9827, 97.9799,
105.2456

Harmonies

Analogous

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



51.3423, 73.8322, 19.5773



41.4787, 73.8322, 40.9190



38.7569, 73.8322, 86.9282

Triad

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



41.4787, 73.8322, 40.9190



72.4223, 73.8322, 244.5048



106.7863, 73.8322, 34.2827

Complementary

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



41.4787, 73.8322, 40.9190



44.8775, 23.0118, 20.1697

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.



115.1669, 73.8322, 74.1895



41.4787, 73.8322, 40.9190



93.1282, 73.8322, 209.2236

Square

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



41.4787, 73.8322, 40.9190



54.5332, 73.8322, 221.5049



109.7550, 73.8322, 139.4593



88.5544, 73.8322, 17.1975

Rectangle

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



41.4787, 73.8322, 40.9190



40.8395, 73.8322, 131.5251



109.7550, 73.8322, 139.4593



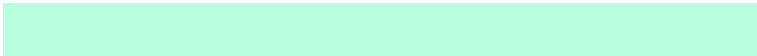
110.9888, 73.8322, 44.5960

Sweetspot

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



41.4792, 73.8324, 40.9202



68.8360, 87.0228, 83.4276



44.1022, 75.8097, 12.7991



14.0547, 18.2924, 17.1045



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.



41.4792, 73.8324, 40.9202



40.7154, 73.5021, 38.0146



50.3297, 71.4619, 105.7486



18.1981, 20.3388, 21.3460



21.3511, 38.4370, 20.2658



2.1338, 3.7645, 2.2626

Inverse Universe

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



44.8775, 23.0118, 20.1697



44.1665, 22.4306, 17.3408



41.7481, 22.1263, 2.5613



18.3409, 18.1197, 20.4122



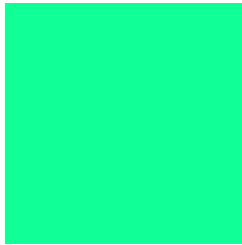
23.1500, 11.7493, 9.4404



2.3078, 1.1655, 1.2025

Previews

White Background



This preview shows how the XYZ color 41.4787, 73.8322, 40.9190 looks on a white background.

Color Contrast Check

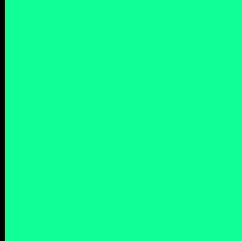
Large Text (above 18pt) WCAG AA × Fail

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 41.4787, 73.8322, 40.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

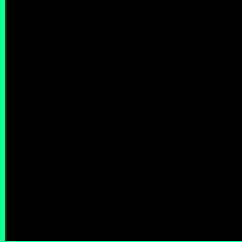
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4787, 73.8322, 40.9190

Background



This preview shows how black text looks on a background with the XYZ color 41.4787, 73.8322, 40.9190.



This preview shows how white text looks on a background with the XYZ color 41.4787, 73.8322,

Color Blindness Simulation

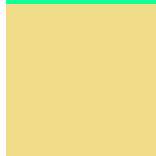
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.4787, 73.8322, 40.9190



Protanopia

66.6474, 72.2198, 34.0940



Deuteranopia

72.5771, 71.8656, 49.5814



Tritanopia

57.5266, 72.9583, 105.6581

Trichromacy



Original Color

41.4787, 73.8322, 40.9190



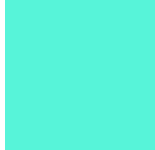
Protanomaly

48.3195, 67.6017, 36.0929



Deuteranomaly

50.6834, 66.5282, 45.7673



Tritanomaly

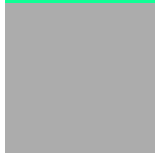
48.8055, 71.7374, 76.9200

Monochromacy



Original Color

41.4787, 73.8322, 40.9190



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

34.8916, 48.5662, 42.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4787, 73.8322, 40.9190 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(16, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(16, 255, 150)  
}
```

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(16, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 255, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.4787, 73.8322, 40.9190 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(16, 255, 150) }
```


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

```
.border{ border-color:rgb(16, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(16, 255,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4787, 73.8322, 40.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 255, 150) }
```

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

```
.background{ background-color: rgb(16, 255,  
150) }
```

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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