

Converting Colors

XYZ(41.2092, 73.7423, 38.6910)

Have a look what the booklet for
XYZ(41.2092, 73.7423, 38.6910)
contains.

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Color

**XYZ(41.2475, 73.7585,
38.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	18FF91
RGB	24, 255, 145
RGB Percent	9%, 100%, 57%
CMY	0.9058, 0.0000, 0.4314
CMYK	0.91, 0.00, 0.43, 0.00
HSL	151°, 100%, 55%
HSV	151°, 91%, 100%
XYZ	41.2475, 73.7585, 38.8509
YIQ	173.3910, -102.3660, -83.1820

Conversions

Conversions Part 2

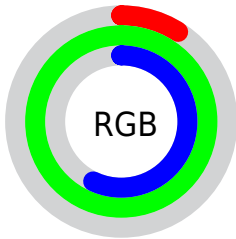
Format	Color
RYB	24, 176, 255
Decimal	1638289
CIELab	88.81, -73.21, 38.85
CIELCh	89, 82.879, 152.047
Yxy	73.7585, 0.2681, 0.4794
Android (android.graphics.Color)	4279828369 (0xFF18FF91)
YUV	173.3910, -13.9968, -131.0159
Hunter-Lab	85.8828, -64.5654, 33.2968

Details

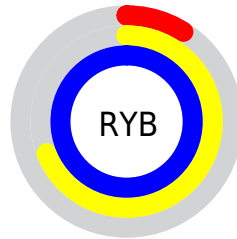
The XYZ color **41.2475, 73.7585, 38.8509** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **45.8705, 23.6352, 24.7015**, and the grayscale version is **40.0283, 42.1129, 45.8609**.

A 20% lighter version of the original color is **53.9311, 79.6832, 67.1815**, and **21.9420, 40.7228, 17.0598** is the 20% darker color. If you saturate the color by 10%, you get **40.0331, 73.2292, 34.4217**, and if you desaturate by 10%, it is **43.1497, 74.6251, 44.0936**.

Distribution



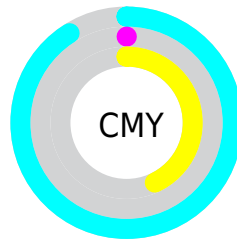
- Red (9%)
- Green (100%)
- Blue (57%)



- Red (9%)
- Yellow (69%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2475, 73.7585, 38.8509 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 41.2475, 73.7585, 38.8509 by changing the saturation by 10% instead.


 41.2475, 73.7585,
38.8509


 41.2475, 73.7585,
38.8509


342.3989,
473.6395, 356.6632


 28.7011, 54.5964,
26.3368


 76.3318, 124.5534,
74.6283


 18.9979, 39.0787,
16.8478


 99.6004, 156.9550,
98.7287


 11.7728, 26.8209,
9.9652


 127.1737,
194.5386, 127.5283

 6.6602, 17.4388,
5.2706

 159.4171,
237.6885, 161.4457

 3.2950, 10.5478,
2.3454

 196.6960,
286.7891, 200.8993

 1.3116, 5.7637,
0.7565


239.3757,

 0.1919, 2.7019,

342.2249, 246.3077

0.0000


287.8215,
404.3802, 298.0895

 0.0000, 0.9782,
0.0000


 0.0000, 0.0000,
0.0000


 41.2475, 73.7585,
38.8509

 41.2475, 73.7585,
38.8509


 40.0331, 73.2292,
34.4217


 43.1497, 74.6251,
44.0936


 45.8511, 75.8917,
49.9106


 49.4571, 77.6125,
56.3230

 54.0557, 79.8324,
63.3494

 59.7239, 82.5908,
71.0072

 66.5307, 85.9231,
79.3130

 74.5391, 89.8614,
88.2827

 83.8075, 94.4354,
97.9315

94.3902, 99.6730,
108.2742

Harmonies

Analogous

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



51.5602, 73.7585, 18.3409



41.2475, 73.7585, 38.8509



38.1832, 73.7585, 84.3227

Triad

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



41.2475, 73.7585, 38.8509



71.4926, 73.7585, 249.0920



108.1588, 73.7585, 34.7882

Complementary

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



41.2475, 73.7585, 38.8509



45.8705, 23.6352, 24.7015

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.



116.1663, 73.7585, 76.4276



41.2475, 73.7585, 38.8509



92.6363, 73.7585, 215.1035

Square

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



41.2475, 73.7585, 38.8509



53.5298, 73.7585, 222.8064



110.0095, 73.7585, 144.0417



89.7913, 73.7585, 16.9053

Rectangle

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



41.2475, 73.7585, 38.8509



40.0791, 73.7585, 129.3403



110.0095, 73.7585, 144.0417



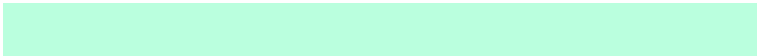
112.2938, 73.7585, 45.5627

Sweetspot

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



41.2480, 73.7587, 38.8521



69.2596, 87.2633, 82.4506



46.0225, 76.7914, 13.2613



14.2672, 18.4043, 17.0076



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.



41.2480, 73.7587, 38.8521



40.0331, 73.2292, 34.4217



52.9711, 76.5025, 106.5823



18.1690, 20.3271, 21.1931



20.9942, 38.2943, 18.3865



2.0994, 3.7507, 2.0811

Inverse Universe

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



45.8705, 23.6352, 24.7015



44.7177, 22.6511, 20.2432



41.8169, 22.1499, 2.9361



18.3696, 18.1311, 20.5633



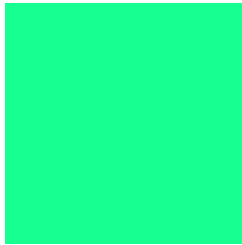
23.4403, 11.8654, 10.9689



2.3371, 1.1772, 1.3564

Previews

White Background



This preview shows how the XYZ color 41.2475, 73.7585, 38.8509 looks on a white background.

Color Contrast Check

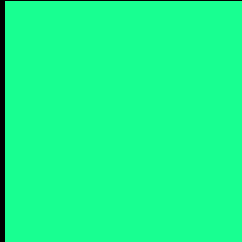
Large Text (above 18pt) WCAG AA × Fail

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 41.2475, 73.7585, 38.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

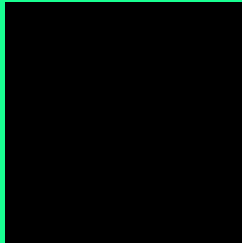
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2475, 73.7585, 38.8509

Background



This preview shows how black text looks on a background with the XYZ color 41.2475, 73.7585, 38.8509.



This preview shows how white text looks on a background with the XYZ color 41.2475, 73.7585,

Color Blindness Simulation

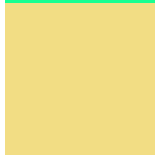
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.2475, 73.7585, 38.8509



Protanopia

66.6393, 72.2561, 32.2644



Deuteranopia

72.3849, 71.7888, 48.5696



Tritanopia

57.5266, 72.9583, 105.6581

Trichromacy



Original Color

41.2475, 73.7585, 38.8509



Protanomaly

48.7585, 67.8705, 34.1974



Deuteranomaly

51.0596, 66.7534, 44.3760



Tritanomaly

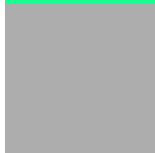
48.8329, 71.7813, 75.5714

Monochromacy



Original Color

41.2475, 73.7585, 38.8509



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

35.5745, 49.2782, 42.2870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2475, 73.7585, 38.8509 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(24, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(24, 255, 145)  
}
```

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(24, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 255, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.2475, 73.7585, 38.8509 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(24, 255, 145) }
```


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

```
.border{ border-color:rgb(24, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(24, 255,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2475, 73.7585, 38.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 255, 145) }
```

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

```
.background{ background-color: rgb(24, 255,  
145) }
```

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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