

Converting Colors

XYZ(41.1932, 73.7432, 25.6913)

Have a look what the booklet for
XYZ(41.1932, 73.7432, 25.6913)
contains.

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Color

**XYZ(41.0238, 73.4607,
25.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFE6A
RGB	76, 254, 106
RGB Percent	30%, 100%, 42%
CMY	0.7020, 0.0039, 0.5843
CMYK	0.70, 0.00, 0.58, 0.00
HSL	130°, 99%, 65%
HSV	130°, 70%, 100%
XYZ	41.0238, 73.4607, 25.6528
YIQ	183.9060, -58.5800, -83.7640

Conversions

Conversions Part 2

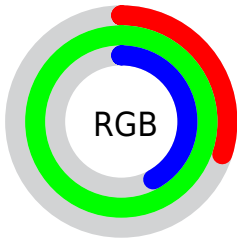
Format	Color
RYB	76, 228, 254
Decimal	5045866
CIELab	88.67, -73.29, 56.94
CIELCh	89, 92.804, 142.157
Yxy	73.4607, 0.2927, 0.5242
Android (android.graphics.Color)	4283235946 (0xFF4CFE6A)
YUV	183.9060, -38.4077, -94.6336
Hunter-Lab	85.7092, -64.5540, 42.2509

Details

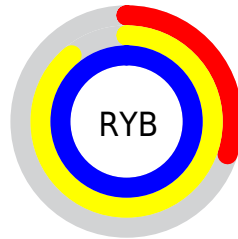
The XYZ color **41.0238, 73.4607, 25.6528** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **56.9140, 31.6227, 73.6263**, and the grayscale version is **45.7382, 48.1202, 52.4029**.

A 20% lighter version of the original color is **54.0471, 80.2042, 46.3506**, and **20.3375, 39.7189, 9.7266** is the 20% darker color. If you saturate the color by 10%, you get **38.4236, 72.2340, 20.4878**, and if you desaturate by 10%, it is **44.6940, 75.2120, 32.2826**.

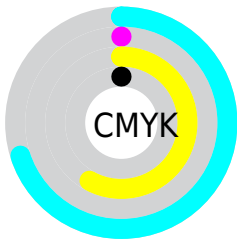
Distribution



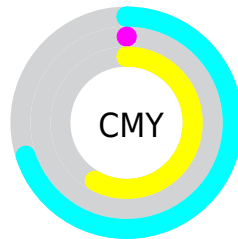
- Red (30%)
- Green (100%)
- Blue (42%)



- Red (30%)
- Yellow (89%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0238, 73.4607, 25.6528 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 41.0238, 73.4607, 25.6528 by changing the saturation by 10% instead.

41.0238, 73.4607,
25.6528

41.0238, 73.4607,
25.6528

341.4810,
472.6100, 294.6246

28.5254, 54.3528,
16.3406

75.9945, 124.1310,
53.6915

18.8646, 38.8838,
9.6086

99.1975, 156.4622,
73.2551

11.6759, 26.6693,
5.0380

126.6995,
193.9699, 97.0729

6.5940, 17.3250,
2.2105

158.8658,
237.0385, 125.5636

3.2536, 10.4665,
0.6804

196.0617,
286.0524, 159.1455

1.2892, 5.7093,
0.0000

238.6527,

0.1751, 2.6692,

341.3960, 198.2373

0.0000

287.0040,
403.4537, 243.2574

0.0000, 0.9616,
0.0000

0.0000, 0.0000,
0.0000

41.0238, 73.4607,
25.6528

41.0238, 73.4607,
25.6528

38.4236, 72.2340,
20.4878

44.6940, 75.2120,
32.2826


36.7679, 71.4632,
16.6716


49.5307, 77.5292,
40.4718


35.8759, 71.0595,
14.0926


55.6256, 80.4596,
50.3129

63.0593, 84.0434,
61.8896

 71.9061, 88.3168,
75.2801

 82.2344, 93.3138,
90.5577

 94.1083, 99.0659,
107.7918

 94.7332, 99.3665,
108.7944

Harmonies

Analogous

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



54.7999, 73.4607, 11.4894



41.0238, 73.4607, 25.6528



35.2446, 73.4607, 64.3007

Triad

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



41.0238, 73.4607, 25.6528



64.1058, 73.4607, 275.0881



117.8141, 73.4607, 41.8891

Complementary

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



41.0238, 73.4607, 25.6528



56.9140, 31.6227, 73.6263

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.



121.7966, 73.4607, 98.0352



41.0238, 73.4607, 25.6528



87.3659, 73.4607, 257.3513

Square

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



41.0238, 73.4607, 25.6528



46.5832, 73.4607, 222.3677



109.6753, 73.4607, 182.0908



99.7333, 73.4607, 16.7547

Rectangle

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



41.0238, 73.4607, 25.6528



35.6028, 73.4607, 108.8891



109.6753, 73.4607, 182.0908



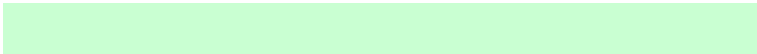
120.9823, 73.4607, 56.7120

Sweetspot

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



41.0256, 73.4637, 25.6545



71.6608, 88.6769, 74.6236



67.5929, 87.3096, 20.1276



14.7875, 18.7143, 15.1441



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.



41.0256, 73.4637, 25.6545



38.0027, 72.5218, 18.9986



48.2369, 76.3483, 63.6288



17.8965, 20.2181, 19.7578



18.9493, 37.4763, 7.6183



1.8783, 3.6622, 0.9168

Inverse Universe

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



56.9140, 31.6227, 73.6263



54.7985, 27.9411, 69.4511



47.8561, 27.9995, 25.9280



18.6535, 18.2447, 22.0582



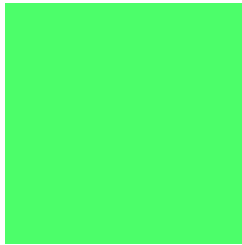
27.8080, 13.6125, 33.9693



2.7408, 1.3387, 3.4827

Previews

White Background



This preview shows how the XYZ color 41.0238, 73.4607, 25.6528 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 41.0238, 73.4607, 25.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

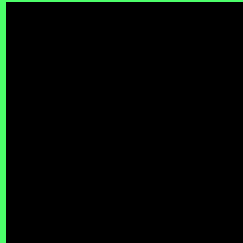
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0238, 73.4607, 25.6528

Background



This preview shows how black text looks on a background with the XYZ color 41.0238, 73.4607, 25.6528.



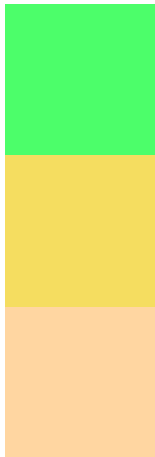
This preview shows how white text looks on a background with the XYZ color 41.0238, 73.4607,

25.6528.

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

41.0238, 73.4607, 25.6528

Protanopia

65.6240, 71.9699, 21.4992

Deuteranopia

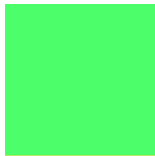
71.7196, 71.9263, 43.8214



Tritanopia

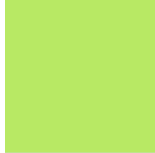
58.0071, 72.7749, 105.5974

Trichromacy



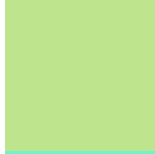
Original Color

41.0238, 73.4607, 25.6528



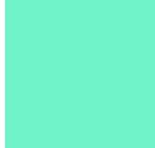
Protanomaly

51.2063, 69.3883, 22.7510



Deuteranomaly

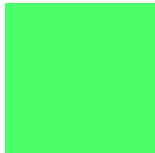
54.0622, 68.9089, 35.6507



Tritanomaly

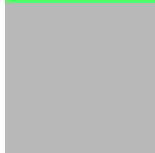
49.2753, 71.7630, 66.5129

Monochromacy



Original Color

41.0238, 73.4607, 25.6528



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

40.4783, 54.0210, 39.7462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0238, 73.4607, 25.6528 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(76, 254, 106)` looks like.

```
.text, #text, p{  
    color:rgb(76, 254, 106)  
}
```

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(76, 254, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 254, 106) }
```

Border

The CSS property to change the border of an element to XYZ 41.0238, 73.4607, 25.6528 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(76, 254, 106) }
```


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

```
.border{ border-color:rgb(76, 254, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 254, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 254, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 254, 106);  
box-shadow:4px 4px 4px 4px rgb(76, 254,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0238, 73.4607, 25.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 254, 106) }
```

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

```
.background{ background-color: rgb(76, 254,  
106) }
```

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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