

Converting Colors

XYZ(25.3765, 42.1257, 25.2614)

Have a look what the booklet for
XYZ(25.3765, 42.1257, 25.2614)
contains.

XYZ(25.2394, 41.9091, 25.1714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2394, 41.9091,
25.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC47A
RGB	62, 196, 122
RGB Percent	24%, 77%, 48%
CMY	0.7569, 0.2314, 0.5216
CMYK	0.68, 0.00, 0.38, 0.23
HSL	147°, 53%, 51%
HSV	147°, 68%, 77%
XYZ	25.2394, 41.9091, 25.1714
YIQ	147.4980, -56.1100, -51.4220

Conversions

Conversions Part 2

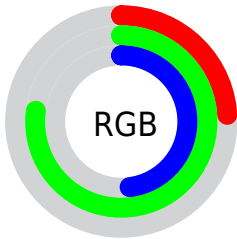
Format	Color
RYB	62, 155, 196
Decimal	4113530
CIELab	70.81, -52.79, 26.92
CIELCh	71, 59.263, 152.981
Yxy	41.9091, 0.2734, 0.4540
Android (android.graphics.Color)	4282303610 (0xFF3EC47A)
YUV	147.4980, -12.5705, -74.9817
Hunter-Lab	64.7372, -43.6976, 22.2627

Details

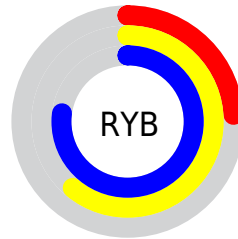
The XYZ color **25.2394, 41.9091, 25.1714** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **28.9329, 16.9595, 25.0427**, and the grayscale version is **28.0077, 29.4663, 32.0888**.

A 20% lighter version of the original color is **51.6371, 78.3387, 52.9568**, and **10.6946, 19.5176, 9.3345** is the 20% darker color. If you saturate the color by 10%, you get **23.5911, 41.1338, 21.7866**, and if you desaturate by 10%, it is **27.4076, 42.9461, 28.9724**.

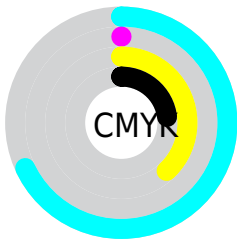
Distribution



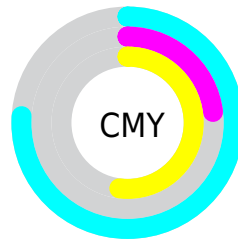
- Red (24%)
- Green (77%)
- Blue (48%)



- Red (24%)
- Yellow (61%)
- Blue (77%)



- Cyan (68%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)





- Cyan (76%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2394, 41.9091, 25.1714 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 25.2394, 41.9091, 25.1714 by changing the saturation by 10% instead.


 25.2394, 41.9091,
25.1714


 25.2394, 41.9091,
25.1714


271.3538,
354.1060, 292.1654


 16.3852, 29.0301,
15.9846


 51.4854, 78.0620,
52.9027


 9.8897, 19.1036,
9.3590


 69.6080, 102.1048,
72.2843


 5.3876, 11.7452,
4.8761


 91.5506, 130.6376,
95.9013

 2.5135, 6.5704,
2.1173

 117.6788,
164.0448, 124.1722

 0.9021, 3.1949,
0.6260

 148.3579,
202.7109, 157.5155

 0.0000, 1.2343,
0.0000

183.9532,

 0.0000, 0.0895,

247.0201, 196.3497

0.0000

224.8300,
297.3571, 241.0935

■ 0.0000, 0.0000,
0.0000

■ 25.2394, 41.9091,
25.1714

■ 25.2394, 41.9091,
25.1714

■ 23.5911, 41.1338,
21.7866

■ 27.4076, 42.9461,
28.9724

■ 22.4069, 40.5882,
18.7999

■ 30.1377, 44.2628,
33.2009

■ 21.6063, 40.2322,
16.1950

■ 33.4708, 45.8811,
37.8715

■ 21.4923, 40.1820,
15.8039

■ 37.4430, 47.8195,
42.9969

■ 42.0875, 50.0949,
48.5893

■ 47.4353, 52.7230,
54.6607

■ 53.5152, 55.7183,
61.2223

■ 60.3544, 59.0948,
68.2851

■ 67.9787, 62.8655,
75.8596

Harmonies

Analogous

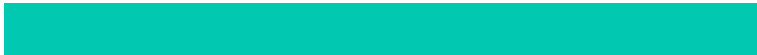
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.3930, 41.9091, 13.5928



25.2394, 41.9091, 25.1714



23.7641, 41.9091, 48.5096

Triad

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



25.2394, 41.9091, 25.1714



40.8259, 41.9091, 123.9895



57.9128, 41.9091, 22.0278

Complementary

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



25.2394, 41.9091, 25.1714



28.9329, 16.9595, 25.0427

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.



61.8817, 41.9091, 42.8703



25.2394, 41.9091, 25.1714



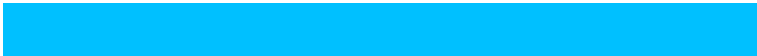
51.0503, 41.9091, 107.8763

Square

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



25.2394, 41.9091, 25.1714



31.8391, 41.9091, 112.9572



59.1854, 41.9091, 74.9510



49.0649, 41.9091, 12.3737

Rectangle

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



25.2394, 41.9091, 25.1714



24.8260, 41.9091, 70.2356



59.1854, 41.9091, 74.9510



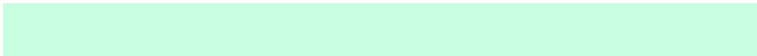
59.9222, 41.9091, 27.5717

Sweetspot

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



25.2405, 41.9108, 25.1724



73.6175, 89.4596, 84.9275



31.0810, 45.2271, 11.6494



15.2475, 18.8983, 17.5666



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.



25.2405, 41.9108, 25.1724



41.5809, 73.9780, 36.7154



30.7046, 44.0965, 53.9462



10.1277, 11.3321, 11.6756



13.8513, 25.8346, 10.3757



0.6331, 1.1301, 0.6309

Inverse Universe

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



28.9329, 16.9595, 25.0427



48.6792, 25.7926, 36.3045



25.6239, 15.6359, 7.6181



10.3007, 10.1689, 11.6742



16.4189, 8.2573, 10.1178



0.7437, 0.3705, 0.6178

Previews

White Background



This preview shows how the XYZ color 25.2394, 41.9091, 25.1714 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 25.2394, 41.9091, 25.1714 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 25.2394, 41.9091, 25.1714

Background



This preview shows how black text looks on a background with the XYZ color 25.2394, 41.9091, 25.1714.



This preview shows how white text looks on a background with the XYZ color 25.2394, 41.9091,

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

25.2394, 41.9091, 25.1714

Protanopia

38.1707, 41.2397, 21.2775

Deuteranopia

41.7747, 41.0518, 26.4909



Tritanopia

32.5340, 41.6062, 62.1932

Trichromacy



Original Color

25.2394, 41.9091, 25.1714



Protanomaly

30.8316, 40.0595, 22.6303



Deuteranomaly

32.0537, 39.1363, 25.6033



Tritanomaly

29.2645, 41.5495, 46.0126

Monochromacy



Original Color

25.2394, 41.9091, 25.1714



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.4515, 32.5563, 29.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2394, 41.9091, 25.1714 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(62, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(62, 196, 122)  
}
```

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(62, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 196, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.2394, 41.9091, 25.1714 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(62, 196, 122) }
```


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

```
.border{ border-color:rgb(62, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(62, 196,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2394, 41.9091, 25.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 196, 122) }
```

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

```
.background{ background-color: rgb(62, 196,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor