

Converting Colors

XYZ(25.0115, 41.9303, 24.2432)

Have a look what the booklet for
XYZ(25.0115, 41.9303, 24.2432)
contains.

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Color

**XYZ(24.9332, 41.7724,
24.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	3CC477
RGB	60, 196, 119
RGB Percent	24%, 77%, 47%
CMY	0.7647, 0.2314, 0.5333
CMYK	0.69, 0.00, 0.39, 0.23
HSL	146°, 54%, 50%
HSV	146°, 69%, 77%
XYZ	24.9332, 41.7724, 24.2015
YIQ	146.5580, -56.3390, -52.7790

Conversions

Conversions Part 2

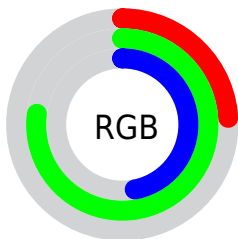
Format	Color
RYB	60, 155, 196
Decimal	3982455
CIELab	70.71, -53.69, 28.36
CIELCh	71, 60.720, 152.160
Yxy	41.7724, 0.2743, 0.4595
Android (android.graphics.Color)	4282172535 (0xFF3CC477)
YUV	146.5580, -13.5861, -75.9114
Hunter-Lab	64.6316, -44.2445, 23.0408

Details

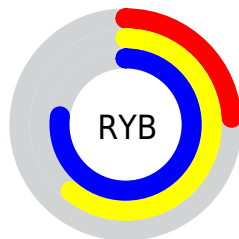
The XYZ color **24.9332, 41.7724, 24.2015** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **28.8976, 16.7746, 25.3834**, and the grayscale version is **27.6227, 29.0612, 31.6476**.

A 20% lighter version of the original color is **51.2004, 78.1473, 51.4151**, and **10.5991, 19.4794, 8.8315** is the 20% darker color. If you saturate the color by 10%, you get **23.3332, 41.0213, 20.8489**, and if you desaturate by 10%, it is **27.0515, 42.7840, 27.9865**.

Distribution



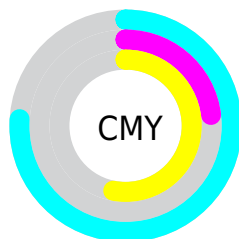
- Red (24%)
- Green (77%)
- Blue (47%)



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



- Cyan (69%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)





- Cyan (76%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9332, 41.7724, 24.2015 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 24.9332, 41.7724, 24.2015 by changing the saturation by 10% instead.


 24.9332, 41.7724,
24.2015


 24.9332, 41.7724,
24.2015


269.8589,
353.5386, 287.1569


 16.1558, 28.9231,
15.2696


 50.9925, 77.8550,
51.3068


 9.7260, 19.0227,
8.8601


 69.0051, 101.8572,
70.3172


 5.2785, 11.6867,
4.5545


 90.8268, 130.3458,
93.5242

 2.4480, 6.5307,
1.9342

 116.8229,
163.7051, 121.3463

 0.8691, 3.1704,
0.5144

 147.3588,
202.3197, 154.2021

 0.0000, 1.2213,
0.0000

182.7999,

 0.0000, 0.0790,

246.5739, 192.5101

0.0000

223.5114,
296.8520, 236.6889

■ 0.0000, 0.0000,
0.0000

■ 24.9332, 41.7724,
24.2015

■ 24.9332, 41.7724,
24.2015

■ 23.3332, 41.0213,
20.8489

■ 27.0515, 42.7840,
27.9865

■ 22.1945, 40.4981,
17.9093

■ 29.7310, 44.0745,
32.2165

■ 21.4238, 40.1563,
15.3647

■ 33.0133, 45.6661,
36.9068

■ 21.3815, 40.1377,
15.2208

■ 36.9351, 47.5776,
42.0714

■ 41.5300, 49.8261,
47.7235

■ 46.8294, 52.4274,
53.8757

■ 52.8625, 55.3962,
60.5402

■ 59.6567, 58.7467,
67.7287

■ 67.2381, 62.4920,
75.4527

Harmonies

Analogous

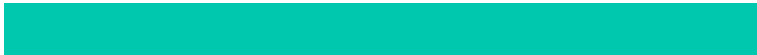
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.2685, 41.7724, 12.8504



24.9332, 41.7724, 24.2015



23.3363, 41.7724, 47.6043

Triad

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



24.9332, 41.7724, 24.2015



40.4373, 41.7724, 126.3764



58.4406, 41.7724, 21.9024

Complementary

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



24.9332, 41.7724, 24.2015



28.8976, 16.7746, 25.3834

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.



62.3487, 41.7724, 43.4258



24.9332, 41.7724, 24.2015



50.9196, 41.7724, 110.3757

Square

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



24.9332, 41.7724, 24.2015



31.3352, 41.7724, 114.1914



59.3896, 41.7724, 76.5816



49.4428, 41.7724, 11.9717

Rectangle

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



24.9332, 41.7724, 24.2015



24.3437, 41.7724, 69.7523



59.3896, 41.7724, 76.5816



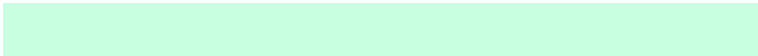
60.4556, 41.7724, 27.6184

Sweetspot

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



24.9343, 41.7741, 24.2025



73.5156, 89.4188, 84.3909



30.8844, 45.1319, 11.3590



15.2234, 18.8886, 17.4396



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.



24.9343, 41.7741, 24.2025



41.1559, 73.7952, 35.0580



30.5672, 44.0273, 53.8652



10.1218, 11.3298, 11.6447



13.7796, 25.8059, 9.9983



0.6299, 1.1288, 0.6138

Inverse Universe

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



28.8976, 16.7746, 25.3834



48.7440, 25.6642, 37.1211



25.4582, 15.3988, 7.2721



10.3067, 10.1713, 11.7056



16.5140, 8.2954, 10.6188



0.7476, 0.3720, 0.6382

Previews

White Background



This preview shows how the XYZ color 24.9332, 41.7724, 24.2015 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 24.9332, 41.7724, 24.2015 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

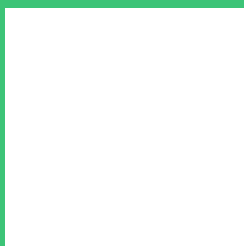
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9332, 41.7724, 24.2015

Background



This preview shows how black text looks on a background with the XYZ color 24.9332, 41.7724, 24.2015.

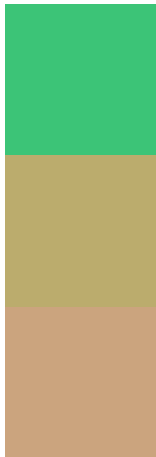


This preview shows how white text looks on a background with the XYZ color 24.9332, 41.7724,

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

24.9332, 41.7724, 24.2015

Protanopia

38.0064, 41.1740, 20.4122

Deuteranopia

41.6700, 40.7538, 25.4087



Tritanopia

32.3180, 41.5085, 61.5669

Trichromacy



Original Color

24.9332, 41.7724, 24.2015



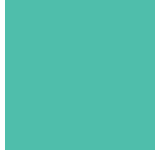
Protanomaly

30.4890, 39.9027, 21.7178



Deuteranomaly

31.8630, 39.0600, 24.5989



Tritanomaly

28.9886, 41.4295, 44.9969

Monochromacy



Original Color

24.9332, 41.7724, 24.2015



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.0407, 32.3612, 28.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9332, 41.7724, 24.2015 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(60, 196, 119)` looks like.

```
.text, #text, p{  
    color:rgb(60, 196, 119)  
}
```

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(60, 196, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 196, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.9332, 41.7724, 24.2015 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(60, 196, 119) }
```


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

```
.border{ border-color:rgb(60, 196, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 196, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 196, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 196, 119);  
box-shadow:4px 4px 4px 4px rgb(60, 196,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9332, 41.7724, 24.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 196, 119) }
```

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

```
.background{ background-color: rgb(60, 196,  
119) }
```

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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