

Converting Colors

XYZ(24.6060, 40.3186, 25.6091)

Have a look what the booklet for
XYZ(24.6060, 40.3186, 25.6091)
contains.

XYZ(24.5376, 40.2113, 25.5371)	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(24.5376, 40.2113,
25.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC07C
RGB	63, 192, 124
RGB Percent	25%, 75%, 49%
CMY	0.7529, 0.2470, 0.5137
CMYK	0.67, 0.00, 0.35, 0.25
HSL	148°, 51%, 50%
HSV	148°, 67%, 75%
XYZ	24.5376, 40.2113, 25.5371
YIQ	145.6770, -55.0560, -48.4960

Conversions

Conversions Part 2

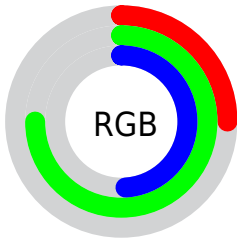
Format	Color
RYB	63, 151, 192
Decimal	4178044
CIELab	69.62, -50.68, 24.28
CIELCh	70, 56.195, 154.400
Yxy	40.2113, 0.2718, 0.4454
Android (android.graphics.Color)	4282368124 (0xFF3FC07C)
YUV	145.6770, -10.6868, -72.5077
Hunter-Lab	63.4124, -41.9006, 20.5117

Details

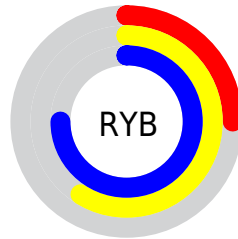
The XYZ color **24.5376, 40.2113, 25.5371** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **27.6137, 16.4009, 23.1842**, and the grayscale version is **27.2487, 28.6678, 31.2192**.

A 20% lighter version of the original color is **50.2689, 75.2857, 53.4771**, and **10.1817, 18.3857, 9.4907** is the 20% darker color. If you saturate the color by 10%, you get **22.9111, 39.4441, 22.2900**, and if you desaturate by 10%, it is **26.6594, 41.2284, 29.1521**.

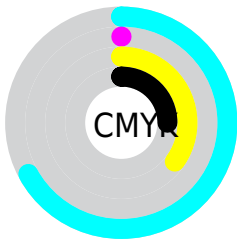
Distribution



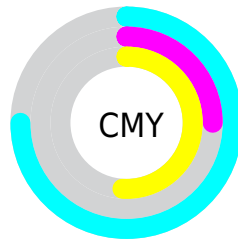
- Red (25%)
- Green (75%)
- Blue (49%)



- Red (25%)
- Yellow (59%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)





- Cyan (75%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5376, 40.2113, 25.5371 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 24.5376, 40.2113, 25.5371 by changing the saturation by 10% instead.


 24.5376, 40.2113,
25.5371


 24.5376, 40.2113,
25.5371


267.9176,
347.0134, 294.0351


 15.8598, 27.7033,
16.2550


 50.3544, 75.4852,
53.5021


 9.5152, 18.1021,
9.5485

 68.2241, 99.0199,
73.0221

 5.1385, 11.0233,
4.9990


 89.8884, 126.9989,
96.7918

 2.3644, 6.0825,
2.1879

 115.7128,
159.8067, 125.2298

 0.8273, 2.8953,
0.6674

 146.0625,
197.8277, 158.7546

 0.0000, 1.0773,
0.0000

181.3030,

 0.0000, 0.0000,

241.4462, 197.7847

0.0000

221.7996,
291.0466, 242.7387

■ 24.5376, 40.2113,
25.5371

■ 24.5376, 40.2113,
25.5371

■ 22.9111, 39.4441,
22.2900

■ 26.6594, 41.2284,
29.1521

■ 21.7280, 38.8971,
19.3955

■ 29.3152, 42.5119,
33.1442

■ 20.9222, 38.5373,
16.8406

■ 32.5433, 44.0824,
37.5253

■ 20.7298, 38.4526,
16.1800

■ 36.3774, 45.9571,
42.3062

■ 40.8486, 48.1519,
47.4972

■ 45.9857, 50.6813,
53.1080

■ 51.8158, 53.5591,
59.1481

■ 58.3643, 56.7984,
65.6267

■ 65.6554, 60.4114,
72.5527

Harmonies

Analogous

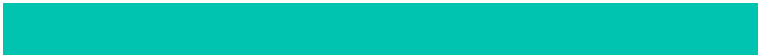
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.1800, 40.2113, 14.1283



24.5376, 40.2113, 25.5371



23.3211, 40.2113, 47.7325

Triad

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



24.5376, 40.2113, 25.5371



39.5748, 40.2113, 114.9541



54.5112, 40.2113, 21.1740

Complementary

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



24.5376, 40.2113, 25.5371



27.6137, 16.4009, 23.1842

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.



58.4039, 40.2113, 40.0581



24.5376, 40.2113, 25.5371



48.9564, 40.2113, 99.3560

Square

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



24.5376, 40.2113, 25.5371



31.1612, 40.2113, 106.1288



56.2260, 40.2113, 69.1368



46.2707, 40.2113, 12.3993

Rectangle

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



24.5376, 40.2113, 25.5371



24.4228, 40.2113, 67.8578



56.2260, 40.2113, 69.1368



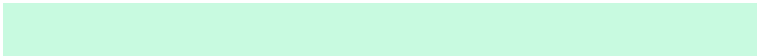
56.4261, 40.2113, 26.2054

Sweetspot

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



24.5386, 40.2129, 25.5380



71.3467, 85.9351, 83.0309



29.2326, 42.9494, 11.4522



14.8106, 18.1926, 17.2391



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5386, 40.2129, 25.5380



40.3220, 70.9141, 37.6278



29.9456, 42.3757, 54.0105



10.1383, 11.3364, 11.7314



13.9871, 25.8889, 11.0911



0.6391, 1.1325, 0.6625

Inverse Universe

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



27.6137, 16.4009, 23.1842



46.2724, 24.7164, 32.9839



24.5389, 15.1710, 6.9928



10.2900, 10.1646, 11.6179



16.2547, 8.1916, 9.2532



0.7369, 0.3678, 0.5821

Previews

White Background



This preview shows how the XYZ color 24.5376, 40.2113, 25.5371 looks on a white background.

Color Contrast Check

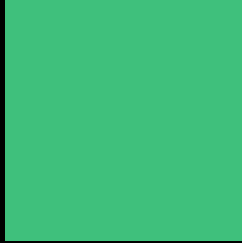
Large Text (above 18pt) WCAG AA × Fail

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 24.5376, 40.2113, 25.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

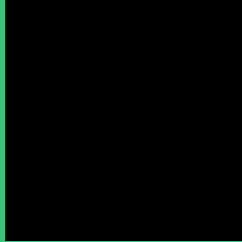
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.5376, 40.2113, 25.5371

Background



This preview shows how black text looks on a background with the XYZ color 24.5376, 40.2113, 25.5371.



This preview shows how white text looks on a background with the XYZ color 24.5376, 40.2113,

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

24.5376, 40.2113, 25.5371

Protanopia

36.7537, 39.6581, 21.6372

Deuteranopia

40.3058, 39.4851, 26.9698



Tritanopia

31.3430, 40.1178, 59.5177

Trichromacy



Original Color

24.5376, 40.2113, 25.5371



Protanomaly

29.6396, 38.2413, 22.9587



Deuteranomaly

31.2343, 37.8352, 26.0788



Tritanomaly

28.2179, 39.7636, 44.7160

Monochromacy



Original Color

24.5376, 40.2113, 25.5371



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.8871, 31.7424, 28.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5376, 40.2113, 25.5371 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(63, 192, 124)` looks like.

```
.text, #text, p{  
    color:rgb(63, 192, 124)  
}
```

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(63, 192, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 192, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.5376, 40.2113, 25.5371 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(63, 192, 124) }
```


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

```
.border{ border-color:rgb(63, 192, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 192, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 192, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 192, 124);  
box-shadow:4px 4px 4px 4px rgb(63, 192,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5376, 40.2113, 25.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 192, 124) }
```

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

```
.background{ background-color: rgb(63, 192,  
124) }
```

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