

Converting Colors

XYZ(25.4055, 40.8271, 22.3616)

Have a look what the booklet for
XYZ(25.4055, 40.8271, 22.3616)
contains.

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Color

**XYZ(25.3666, 40.7080,
22.4401)**

Conversions

Conversions Part 1

Format	Color
Hex	52C072
RGB	82, 192, 114
RGB Percent	32%, 75%, 45%
CMY	0.6784, 0.2470, 0.5529
CMYK	0.57, 0.00, 0.41, 0.25
HSL	137°, 47%, 54%
HSV	137°, 57%, 75%
XYZ	25.3666, 40.7080, 22.4401
YIQ	150.2180, -40.5220, -47.5780

Conversions

Conversions Part 2

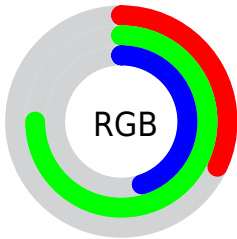
Format	Color
RYB	82, 167, 192
Decimal	5423218
CIELab	69.97, -48.65, 30.09
CIElCh	70, 57.200, 148.262
Yxy	40.7080, 0.2866, 0.4599
Android (android.graphics.Color)	4283613298 (0xFF52C072)
YUV	150.2180, -17.8555, -59.8272
Hunter-Lab	63.8028, -40.6873, 23.8091

Details

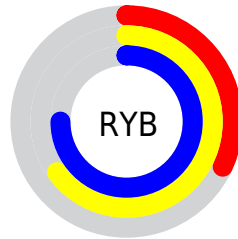
The XYZ color **25.3666, 40.7080, 22.4401** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **31.1020, 19.7800, 35.4378**, and the grayscale version is **29.1687, 30.6878, 33.4190**.

A 20% lighter version of the original color is **51.6660, 76.1168, 48.5282**, and **9.9123, 18.2794, 8.0069** is the 20% darker color. If you saturate the color by 10%, you get **23.2067, 39.6787, 18.5908**, and if you desaturate by 10%, it is **28.1110, 42.0276, 26.9207**.

Distribution



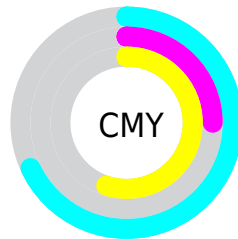
- Red (32%)
- Green (75%)
- Blue (45%)



- Red (32%)
- Yellow (65%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)





- Cyan (68%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3666, 40.7080, 22.4401 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 25.3666, 40.7080, 22.4401 by changing the saturation by 10% instead.


 25.3666, 40.7080,
22.4401


 25.3666, 40.7080,
22.4401


271.9728,
349.0987, 277.8641


 16.4806, 28.0910,
13.9792


 51.6900, 76.2404,
48.3838


 9.9579, 18.3943,
7.9676


 69.8580, 99.9246,
66.7037

 5.4331, 11.2334,
3.9868


 91.8508, 128.0667,
89.1471

 2.5409, 6.2241,
1.6181

 118.0336,
161.0510, 116.1324

 0.9159, 2.9818,
0.3037

148.7719,
199.2620, 148.0782

 0.0000, 1.1222,
0.0000

184.4309,

 0.0000, 0.0000,

243.0840, 185.4031

0.0000

225.3761,
292.9015, 228.5255

■ 25.3666, 40.7080,
22.4401

■ 25.3666, 40.7080,
22.4401

■ 23.2067, 39.6787,
18.5908

■ 28.1110, 42.0276,
26.9207

■ 21.5831, 38.9119,
15.3414

■ 31.4771, 43.6527,
32.0567

■ 20.4445, 38.3831,
12.6620

■ 35.5024, 45.6032,
37.8740

■ 19.7191, 38.0558,
10.5181

■ 40.2205, 47.8960,
44.3966

■ 19.5607, 37.9849,
10.0237

■ 45.6627, 50.5468,
51.6472

■ 51.8585, 53.5701,
59.6472

■ 58.8355, 56.9800,
68.4177

■ 66.6200, 60.7895,
77.9783

■ 75.2370, 65.0111,
88.3484

Harmonies

Analogous

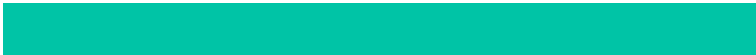
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8127, 40.7080, 12.7491



25.3666, 40.7080, 22.4401



23.4038, 40.7080, 42.7862

Triad

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



25.3666, 40.7080, 22.4401



38.1510, 40.7080, 117.9414



56.7159, 40.7080, 24.1960

Complementary

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



25.3666, 40.7080, 22.4401



31.1020, 19.7800, 35.4378

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.



59.5060, 40.7080, 45.8984



25.3666, 40.7080, 22.4401



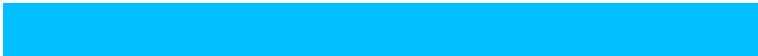
47.8109, 40.7080, 106.6231

Square

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



25.3666, 40.7080, 22.4401



30.0113, 40.7080, 103.8539



56.0177, 40.7080, 77.1667



48.9028, 40.7080, 13.4392

Rectangle

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



25.3666, 40.7080, 22.4401



24.0492, 40.7080, 62.4271



56.0177, 40.7080, 77.1667



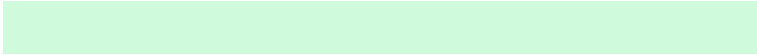
58.3225, 40.7080, 30.1102

Sweetspot

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



25.3676, 40.7097, 22.4410



72.8919, 86.7901, 80.4648



35.0384, 45.8701, 14.9901



15.2443, 18.4280, 16.7269



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.



25.3676, 40.7097, 22.4410



41.1251, 71.4552, 31.9196



29.4140, 42.3282, 43.7487



10.0623, 11.3060, 11.3312



13.1915, 25.5707, 6.9017



0.6009, 1.1172, 0.4609

Inverse Universe

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



31.1020, 19.7800, 35.4378



52.4701, 29.8371, 57.4770



27.3495, 18.2790, 15.6776



10.3684, 10.1960, 12.0303



17.6600, 8.7537, 16.6533



0.7918, 0.3897, 0.8710

Previews

White Background



This preview shows how the XYZ color 25.3666, 40.7080, 22.4401 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 25.3666, 40.7080, 22.4401 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

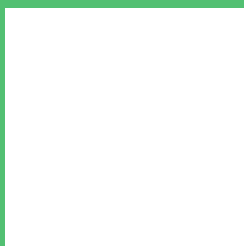
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3666, 40.7080, 22.4401

Background



This preview shows how black text looks on a background with the XYZ color 25.3666, 40.7080, 22.4401.



This preview shows how white text looks on a background with the XYZ color 25.3666, 40.7080,

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

25.3666, 40.7080, 22.4401

Protanopia

36.9321, 40.0837, 19.1550

Deuteranopia

40.9055, 40.1314, 23.6793



Tritanopia

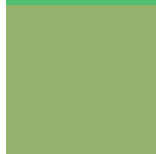
32.6317, 40.4904, 58.9189

Trichromacy



Original Color

25.3666, 40.7080, 22.4401



Protanomaly

30.8399, 39.2194, 20.1320



Deuteranomaly

32.5066, 38.8492, 22.9249



Tritanomaly

29.4637, 40.4492, 42.8138

Monochromacy



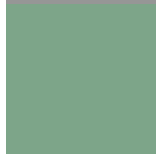
Original Color

25.3666, 40.7080, 22.4401



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.4279, 33.0764, 28.6584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3666, 40.7080, 22.4401 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(82, 192, 114)` looks like.

```
.text, #text, p{  
    color:rgb(82, 192, 114)  
}
```

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(82, 192, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 192, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.3666, 40.7080, 22.4401 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(82, 192, 114) }
```


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

```
.border{ border-color:rgb(82, 192, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 192, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 192, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 192, 114);  
box-shadow:4px 4px 4px 4px rgb(82, 192,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3666, 40.7080, 22.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 192, 114) }
```

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

```
.background{ background-color: rgb(82, 192,  
114) }
```

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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