

Converting Colors

XYZ(25.5746, 43.0596, 25.5060)

Have a look what the booklet for
XYZ(25.5746, 43.0596, 25.5060)
contains.

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Color

**XYZ(25.5672, 43.0927,
25.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	38C77A
RGB	56, 199, 122
RGB Percent	22%, 78%, 48%
CMY	0.7804, 0.2196, 0.5216
CMYK	0.72, 0.00, 0.39, 0.22
HSL	148°, 56%, 50%
HSV	148°, 72%, 78%
XYZ	25.5672, 43.0927, 25.3826
YIQ	147.4650, -60.5110, -54.2630

Conversions

Conversions Part 2

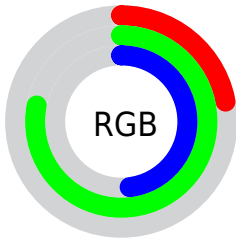
Format	Color
RYB	56, 154, 199
Decimal	3721082
CIELab	71.62, -54.90, 27.98
CIELCh	72, 61.616, 152.998
Yxy	43.0927, 0.2719, 0.4582
Android (android.graphics.Color)	4281911162 (0xFF38C77A)
YUV	147.4650, -12.5542, -80.2148
Hunter-Lab	65.6450, -45.3572, 23.0262

Details

The XYZ color **25.5672, 43.0927, 25.3826** 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 **29.2024, 16.6649, 23.8697**, and the grayscale version is **27.9954, 29.4533, 32.0747**.

A 20% lighter version of the original color is **51.3830, 78.6801, 53.0361**, and **11.1430, 20.4144, 9.4840** is the 20% darker color. If you saturate the color by 10%, you get **24.0404, 42.3793, 22.0348**, and if you desaturate by 10%, it is **27.6113, 44.0666, 29.1388**.

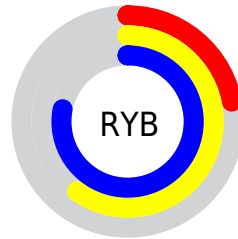
Distribution



Red (22%)

Green (78%)

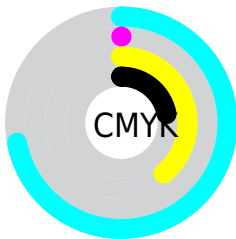
Blue (48%)



Red (22%)

Yellow (60%)

Blue (78%)

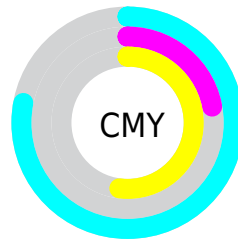


Cyan (72%)

Magenta (0%)

Yellow (39%)

Black (22%)



Cyan (78%)


Magenta (22%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5672, 43.0927, 25.3826 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 25.5672, 43.0927, 25.3826 by changing the saturation by 10% instead.


 25.5672, 43.0927,
25.3826


 25.5672, 43.0927,
25.3826


272.9468,
358.9929, 293.2464


 16.6311, 29.9579,
16.1407


 52.0122, 79.8507,
53.2490


 10.0655, 19.8066,
9.4684


 70.2518, 104.2427,
72.7107


 5.5050, 12.2545,
4.9470


 92.3234, 133.1558,
96.4160

 2.5843, 6.9173,
2.1580

 118.5921,
166.9745, 124.7835

 0.9379, 3.4104,
0.6500

 149.4235,
206.0832, 158.2317

 0.0000, 1.3496,
0.0000

185.1828,

 0.0000, 0.1791,

250.8662, 197.1793

0.0000

226.2355,
301.7080, 242.0447

■ 0.0000, 0.0000,
0.0000

■ 25.5672, 43.0927,
25.3826

■ 25.5672, 43.0927,
25.3826

■ 24.0404, 42.3793,
22.0348

■ 27.6113, 44.0666,
29.1388

■ 22.9693, 41.8915,
19.0772

■ 30.2184, 45.3209,
33.3144

■ 22.3492, 41.6184,
16.9451

■ 33.4327, 46.8793,
37.9238

■ 37.2929, 48.7614,
42.9795

■ 41.8342, 50.9851,
48.4936

■ 47.0892, 53.5672,
54.4777

■ 53.0887, 56.5232,
60.9430

■ 59.8611, 59.8675,
67.9001

■ 67.4337, 63.6140,
75.3595

Harmonies

Analogous

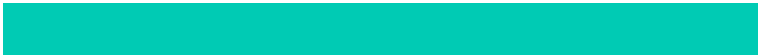
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9819, 43.0927, 13.3621



25.5672, 43.0927, 25.3826



24.0232, 43.0927, 49.9875

Triad

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



25.5672, 43.0927, 25.3826



42.0156, 43.0927, 130.7803



60.1774, 43.0927, 22.0842

Complementary

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



25.5672, 43.0927, 25.3826



29.2024, 16.6649, 23.8697

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.



64.4170, 43.0927, 43.9818



25.5672, 43.0927, 25.3826



52.8749, 43.0927, 113.4236

Square

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



25.5672, 43.0927, 25.3826



32.5139, 43.0927, 118.9179



61.5424, 43.0927, 78.1134



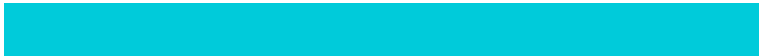
50.7512, 43.0927, 12.1042

Rectangle

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



25.5672, 43.0927, 25.3826



25.1372, 43.0927, 73.1161



61.5424, 43.0927, 78.1134



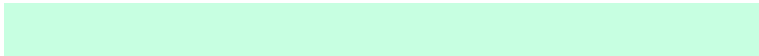
62.3224, 43.0927, 27.8742

Sweetspot

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



25.5683, 43.0944, 25.3836



72.8489, 89.0733, 84.4386



31.0741, 46.2562, 11.0325



15.1016, 18.8246, 17.4896



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.



25.5683, 43.0944, 25.3836



40.9863, 73.6933, 35.6983



31.5535, 45.4885, 56.9011



10.6977, 11.9680, 12.3582



14.4138, 26.7779, 11.1234



0.7190, 1.2825, 0.7188

Inverse Universe

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



29.2024, 16.6649, 23.8697



47.6768, 24.8297, 32.7586



25.8700, 15.3319, 6.3211



10.8686, 10.7308, 12.2916



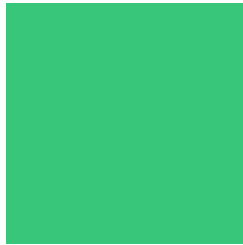
16.9017, 8.5102, 9.9580



0.8366, 0.4175, 0.6626

Previews

White Background



This preview shows how the XYZ color 25.5672, 43.0927, 25.3826 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 25.5672, 43.0927, 25.3826 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

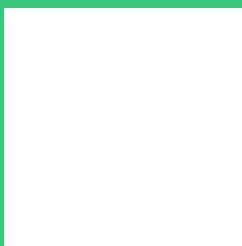
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5672, 43.0927, 25.3826

Background



This preview shows how black text looks on a background with the XYZ color 25.5672, 43.0927, 25.3826.



This preview shows how white text looks on a background with the XYZ color 25.5672, 43.0927,

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

25.5672, 43.0927, 25.3826

Protanopia

39.0469, 42.2608, 21.4284

Deuteranopia

42.9580, 42.2015, 26.6505



Tritanopia

33.1212, 42.8295, 63.6480

Trichromacy



Original Color

25.5672, 43.0927, 25.3826



Protanomaly

31.0704, 40.7906, 22.7588



Deuteranomaly

32.6485, 40.3259, 25.8016



Tritanomaly

29.6904, 42.7324, 46.7277

Monochromacy



Original Color

25.5672, 43.0927, 25.3826



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.1631, 32.6848, 29.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5672, 43.0927, 25.3826 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(56, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(56, 199, 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(56, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 199, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.5672, 43.0927, 25.3826 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(56, 199, 122) }
```


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

```
.border{ border-color:rgb(56, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(56, 199,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5672, 43.0927, 25.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 199, 122) }
```

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

```
.background{ background-color: rgb(56, 199,  
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](#).

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