

Converting Colors

XYZ(25.4890, 42.3575, 12.3535)

Have a look what the booklet for
XYZ(25.4890, 42.3575, 12.3535)
contains.

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Color

**XYZ(25.5026, 42.3301,
12.2952)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC444
RGB	95, 196, 68
RGB Percent	37%, 77%, 27%
CMY	0.6275, 0.2314, 0.7333
CMYK	0.52, 0.00, 0.65, 0.23
HSL	107°, 52%, 52%
HSV	107°, 65%, 77%
XYZ	25.5026, 42.3301, 12.2952
YIQ	151.2090, -19.1080, -61.2200

Conversions

Conversions Part 2

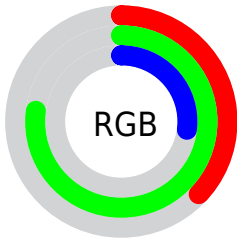
Format	Color
RYB	68, 196, 169
Decimal	6276164
CIELab	71.10, -52.93, 53.50
CIELCh	71, 75.258, 134.694
Yxy	42.3301, 0.3183, 0.5283
Android (android.graphics.Color)	4284466244 (0xFF5FC444)
YUV	151.2090, -41.0220, -49.2953
Hunter-Lab	65.0616, -43.8900, 34.3386

Details

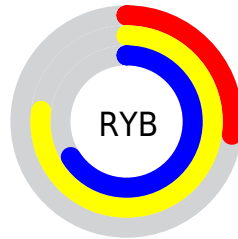
The XYZ color **25.5026, 42.3301, 12.2952** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **28.3954, 16.5563, 53.9259**, and the grayscale version is **29.6821, 31.2279, 34.0072**.

A 20% lighter version of the original color is **51.7750, 78.4280, 30.8216**, and **9.9878, 19.2871, 3.2538** is the 20% darker color. If you saturate the color by 10%, you get **23.5517, 41.3836, 9.5867**, and if you desaturate by 10%, it is **27.9745, 43.5246, 16.0735**.

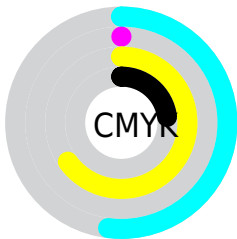
Distribution



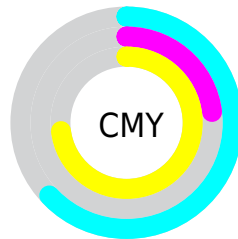
- Red (37%)
- Green (77%)
- Blue (27%)



- Red (27%)
- Yellow (77%)
- Blue (66%)



- Cyan (52%)
- Magenta (0%)
- Yellow (65%)
- Black (23%)





- Cyan (63%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5026, 42.3301, 12.2952 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 25.5026, 42.3301, 12.2952 by changing the saturation by 10% instead.


 25.5026, 42.3301,
12.2952


 25.5026, 42.3301,
12.2952


272.6335,
355.8495, 217.3967


 16.5826, 29.3599,
6.8201


 51.9085, 78.6990,
30.7040


 10.0308, 19.3532,
3.2731


 70.1251, 102.8664,
44.4748


 5.4818, 11.9258,
1.2357


 92.1713, 131.5350,
61.8479

 2.5703, 6.6932,
0.0082

 118.4124,
165.0892, 83.2418

 0.9308, 3.2710,
0.0000

 149.2138,
203.9133, 109.0751

 0.0000, 1.2748,
0.0000

184.9409,

 0.0000, 0.1215,

248.3918, 139.7663

0.0000

225.9590,
298.9091, 175.7340

■ 0.0000, 0.0000,
0.0000

■ 25.5026, 42.3301,
12.2952

■ 25.5026, 42.3301,
12.2952

■ 23.5517, 41.3836,
9.5867

■ 27.9745, 43.5246,
16.0735

■ 22.0788, 40.6616,
7.8345

■ 30.9997, 44.9780,
21.0142

■ 21.0386, 40.1448,
6.9041

■ 34.6114, 46.7066,
27.2031

■ 20.6688, 39.9600,
6.6237

■ 38.8392, 48.7242,
34.7174

■ 43.7106, 51.0433,
43.6277

■ 49.2515, 53.6759,
53.9998

■ 55.4862, 56.6332,
65.8952

■ 62.4380, 59.9259,
79.3721

■ 70.1288, 63.5641,
94.4854

Harmonies

Analogous

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



34.4030, 42.3301, 6.3040



25.5026, 42.3301, 12.2952



21.1174, 42.3301, 30.1109

Triad

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



25.5026, 42.3301, 12.2952



34.1782, 42.3301, 150.4413



68.4699, 42.3301, 30.6532

Complementary

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



25.5026, 42.3301, 12.2952



28.3954, 16.5563, 53.9259

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.



68.3744, 42.3301, 66.9099



25.5026, 42.3301, 12.2952



46.6881, 42.3301, 150.8639

Square

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



25.5026, 42.3301, 12.2952



25.3678, 42.3301, 114.0233



59.7629, 42.3301, 114.9849



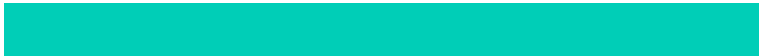
60.0015, 42.3301, 12.5137

Rectangle

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



25.5026, 42.3301, 12.2952



20.6157, 42.3301, 51.9961



59.7629, 42.3301, 114.9849



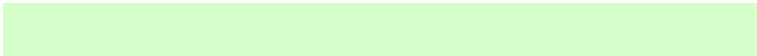
69.4871, 42.3301, 40.6495

Sweetspot

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



25.5036, 42.3319, 12.2961



74.6119, 90.2898, 70.6220



37.8621, 40.2589, 11.2447



15.4413, 19.0740, 14.1526



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.



25.5036, 42.3319, 12.2961



41.5186, 74.4059, 15.9277



24.6374, 41.7157, 19.9223



10.1386, 11.3589, 10.7200



13.3396, 25.7057, 4.2586



0.6355, 1.1412, 0.1868

Inverse Universe

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



28.3954, 16.5563, 53.9259



46.9243, 24.2118, 96.8079



31.1555, 18.3999, 35.0467



10.2826, 10.1369, 12.6995



15.1200, 7.0551, 34.1215



0.7067, 0.3324, 1.4768

Previews

White Background



This preview shows how the XYZ color 25.5026, 42.3301, 12.2952 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 25.5026, 42.3301, 12.2952 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 25.5026, 42.3301, 12.2952

Background



This preview shows how black text looks on a background with the XYZ color 25.5026, 42.3301, 12.2952.



This preview shows how white text looks on a background with the XYZ color 25.5026, 42.3301,

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

25.5026, 42.3301, 12.2952

Protanopia

37.8054, 41.5724, 10.5891

Deuteranopia

42.3822, 41.3971, 12.9644



Tritanopia

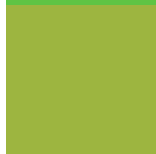
34.8723, 41.9373, 59.6828

Trichromacy



Original Color

25.5026, 42.3301, 12.2952



Protanomaly

31.3539, 40.5860, 11.0318



Deuteranomaly

33.5560, 40.2030, 12.4699



Tritanomaly

30.1247, 41.5803, 35.7162

Monochromacy



Original Color

25.5026, 42.3301, 12.2952



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.6300, 33.8432, 23.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5026, 42.3301, 12.2952 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(95, 196, 68)` looks like.

```
.text, #text, p{  
    color:rgb(95, 196, 68)  
}
```

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(95, 196, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 196, 68) }
```

Border

The CSS property to change the border of an element to XYZ 25.5026, 42.3301, 12.2952 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(95, 196, 68) }
```


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

```
.border{ border-color:rgb(95, 196, 68) }
```

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

Here you see how a box with a 4 pixel rgb(95, 196, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 196, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 196, 68);  
box-shadow:4px 4px 4px 4px rgb(95, 196,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5026, 42.3301, 12.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 196, 68) }
```

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

```
.background{ background-color: rgb(95, 196,  
68) }
```

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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