

Converting Colors

XYZ(25.2381, 43.9279, 11.3164)

Have a look what the booklet for
XYZ(25.2381, 43.9279, 11.3164)
contains.

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Color

**XYZ(25.2433, 43.9281,
11.2862)**

Conversions

Conversions Part 1

Format	Color
Hex	53C93B
RGB	83, 201, 59
RGB Percent	33%, 79%, 23%
CMY	0.6745, 0.2117, 0.7686
CMYK	0.59, 0.00, 0.71, 0.21
HSL	110°, 57%, 51%
HSV	110°, 71%, 79%
XYZ	25.2433, 43.9281, 11.2862
YIQ	149.5300, -24.7460, -69.1780

Conversions

Conversions Part 2

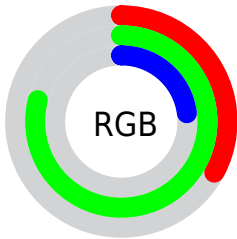
Format	Color
RYB	59, 201, 177
Decimal	5491003
CIELab	72.18, -58.69, 58.09
CIELCh	72, 82.576, 135.298
Yxy	43.9281, 0.3137, 0.5460
Android (android.graphics.Color)	4283681083 (0xFF53C93B)
YUV	149.5300, -44.6313, -58.3468
Hunter-Lab	66.2783, -48.0020, 36.2986

Details

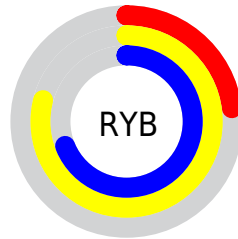
The XYZ color **25.2433, 43.9281, 11.2862** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **30.2410, 16.6940, 56.8892**, and the grayscale version is **28.9817, 30.4910, 33.2047**.

A 20% lighter version of the original color is **50.2989, 78.6642, 28.4523**, and **10.2789, 20.5578, 3.4263** is the 20% darker color. If you saturate the color by 10%, you get **23.5189, 43.0896, 8.9887**, and if you desaturate by 10%, it is **27.5255, 45.0336, 14.6589**.

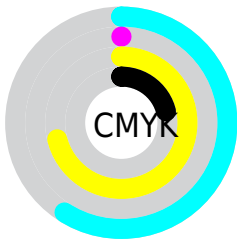
Distribution



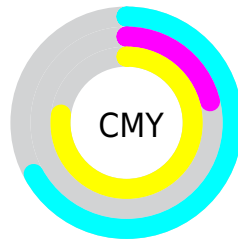
- Red (33%)
- Green (79%)
- Blue (23%)



- Red (23%)
- Yellow (79%)
- Blue (69%)



- Cyan (59%)
- Magenta (0%)
- Yellow (71%)
- Black (21%)




- Cyan (67%)
- Magenta (21%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2433, 43.9281, 11.2862 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 25.2433, 43.9281, 11.2862 by changing the saturation by 10% instead.


 25.2433, 43.9281,
11.2862


 25.2433, 43.9281,
11.2862


271.3728,
362.4148, 210.4281


 16.3881, 30.6140,
6.1431


 51.4917, 81.1095,
28.8329


 9.8918, 20.3051,
2.8621


 69.6156, 105.7457,
42.0736

 5.3890, 12.6170,
1.0247


 91.5599, 134.9246,
58.8505

 2.5143, 7.1654,
0.0000

 117.6897,
169.0307, 79.5822

 0.9025, 3.5657,
0.0000

 148.3706,
208.4483, 104.6873

 0.0000, 1.4337,
0.0000

183.9678,

 0.0000, 0.2414,

253.5620, 134.5843

0.0000

224.8468,
304.7560, 169.6917

■ 0.0000, 0.0000,
0.0000

■ 25.2433, 43.9281,
11.2862

■ 25.2433, 43.9281,
11.2862

■ 23.5189, 43.0896,
8.9887

■ 27.5255, 45.0336,
14.6589

■ 22.2988, 42.4893,
7.6334


■ 30.4063, 46.4209,
19.2136


■ 21.5461, 42.1146,
6.9933


■ 33.9262, 48.1100,
25.0474


■ 38.1212, 50.1177,
32.2467

■ 43.0246, 52.4592,
40.8901

 48.6674, 55.1491,
51.0505

 55.0787, 58.2010,
62.7957

 62.2861, 61.6275,
76.1896

 70.3159, 65.4411,
91.2923

Harmonies

Analogous

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



34.9763, 43.9281, 5.1619



25.2433, 43.9281, 11.2862



20.5744, 43.9281, 30.6518

Triad

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



25.2433, 43.9281, 11.2862



35.2196, 43.9281, 169.7525



73.8858, 43.9281, 30.0739

Complementary

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



25.2433, 43.9281, 11.2862



30.2410, 16.6940, 56.8892

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.



73.9929, 43.9281, 70.4619



25.2433, 43.9281, 11.2862



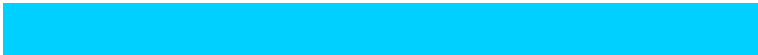
49.3514, 43.9281, 169.2652

Square

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



25.2433, 43.9281, 11.2862



25.3865, 43.9281, 127.3613



64.2350, 43.9281, 126.2642



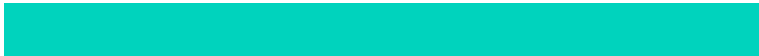
63.9688, 43.9281, 11.0689

Rectangle

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



25.2433, 43.9281, 11.2862



20.0948, 43.9281, 55.3930



64.2350, 43.9281, 126.2642



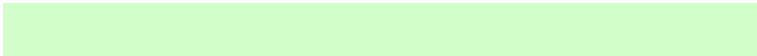
75.1334, 43.9281, 40.9892

Sweetspot

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



25.2443, 43.9300, 11.2872



73.0762, 89.5332, 68.9664



40.2023, 43.3825, 10.3931



15.1163, 18.9132, 13.8299



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.



25.2443, 43.9300, 11.2872



39.0058, 73.1524, 13.9189



25.1888, 43.7040, 20.1972



10.6617, 11.9726, 11.3118



13.6001, 26.5064, 4.3995



0.6973, 1.2826, 0.2108

Inverse Universe

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



30.2410, 16.6940, 56.8892



47.7769, 23.5856, 96.6421



31.6566, 17.9481, 33.2651



10.9004, 10.7225, 13.4126



16.7211, 7.8543, 35.3791



0.8396, 0.3966, 1.6774

Previews

White Background



This preview shows how the XYZ color 25.2433, 43.9281, 11.2862 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 25.2433, 43.9281, 11.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

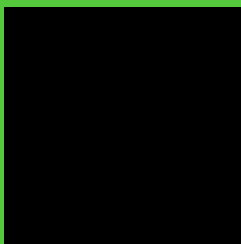
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

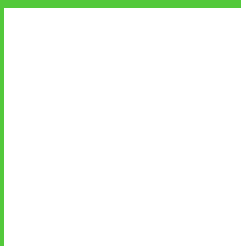
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2433, 43.9281, 11.2862

Background



This preview shows how black text looks on a background with the XYZ color 25.2433, 43.9281, 11.2862.



This preview shows how white text looks on a background with the XYZ color 25.2433, 43.9281,

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

25.2433, 43.9281, 11.2862

Protanopia

39.1711, 43.1689, 9.5167

Deuteranopia

43.8695, 42.9978, 11.9485



Tritanopia

35.5728, 43.7889, 63.0771

Trichromacy



Original Color

25.2433, 43.9281, 11.2862



Protanomaly

31.7489, 42.0417, 10.0559



Deuteranomaly

33.4954, 41.0805, 11.4741



Tritanomaly

30.1354, 43.1991, 36.0281

Monochromacy



Original Color

25.2433, 43.9281, 11.2862



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0030, 34.0959, 22.0403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2433, 43.9281, 11.2862 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(83, 201, 59)` looks like.

```
.text, #text, p{  
  color:rgb(83, 201, 59)  
}
```

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(83, 201, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 201, 59) }
```

Border

The CSS property to change the border of an element to XYZ 25.2433, 43.9281, 11.2862 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(83, 201, 59) }
```


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

```
.border{ border-color:rgb(83, 201, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 201, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 201, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 201, 59);  
box-shadow:4px 4px 4px 4px rgb(83, 201,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2433, 43.9281, 11.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 201, 59) }
```

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

```
.background{ background-color: rgb(83, 201,  
59) }
```

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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