

Converting Colors

XYZ(25.4381, 44.2528, 8.3122)

Have a look what the booklet for
XYZ(25.4381, 44.2528, 8.3122)
contains.

XYZ(25.3127, 44.0308, 8.2633)	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(25.3127, 44.0308,
8.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	5AC91C
RGB	90, 201, 28
RGB Percent	35%, 79%, 11%
CMY	0.6471, 0.2117, 0.8902
CMYK	0.55, 0.00, 0.86, 0.21
HSL	99°, 76%, 45%
HSV	99°, 86%, 79%
XYZ	25.3127, 44.0308, 8.2633
YIQ	148.0890, -10.6230, -77.3350

Conversions

Conversions Part 2

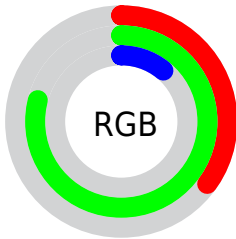
Format	Color
RYB	28, 201, 139
Decimal	5949724
CIELab	72.25, -58.69, 67.48
CIELCh	72, 89.433, 131.018
Yxy	44.0308, 0.3262, 0.5674
Android (android.graphics.Color)	4284139804 (0xFF5AC91C)
YUV	148.0890, -59.2039, -50.9441
Hunter-Lab	66.3557, -48.0301, 39.0656

Details

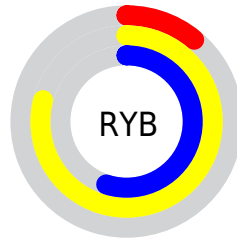
The XYZ color **25.3127, 44.0308, 8.2633** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **21.6086, 10.5385, 56.1560**, and the grayscale version is **28.4295, 29.9101, 32.5721**.

A 20% lighter version of the original color is **50.4543, 78.8720, 22.6898**, and **10.2789, 20.5578, 3.4263** is the 20% darker color. If you saturate the color by 10%, you get **23.9997, 43.3745, 7.3344**, and if you desaturate by 10%, it is **27.0051, 44.8670, 10.0452**.

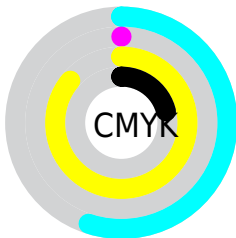
Distribution



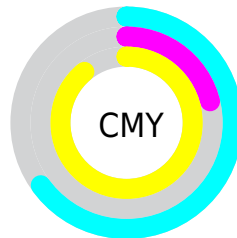
- Red (35%)
- Green (79%)
- Blue (11%)



- Red (11%)
- Yellow (79%)
- Blue (55%)



- Cyan (55%)
- Magenta (0%)
- Yellow (86%)
- Black (21%)





- Cyan (65%)
- Magenta (21%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3127, 44.0308, 8.2633 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 25.3127, 44.0308, 8.2633 by changing the saturation by 10% instead.


 25.3127, 44.0308,
8.2633


 25.3127, 44.0308,
8.2633


271.7106,
362.8339, 187.7939


 16.4402, 30.6947,
4.1737


 51.6033, 81.2641,
23.0277

 9.9290, 20.3665,
1.7211


 69.7521, 105.9301,
34.5395

 5.4138, 12.6617,
0.3751


 91.7236, 135.1415,
49.3625

 2.5293, 7.1960,
0.0000

 117.8833,
169.2828, 67.9152

 0.9100, 3.5850,
0.0000

 148.5965,
208.7383, 90.6162

 0.0000, 1.4442,
0.0000

 184.2286,

 0.0000, 0.2490,

253.8923, 117.8839

0.0000

225.1448,
305.1294, 150.1370

■ 0.0000, 0.0000,
0.0000

■ 25.3127, 44.0308,
8.2633

■ 25.3127, 44.0308,
8.2633

■ 23.9997, 43.3745,
7.3344

■ 27.0051, 44.8670,
10.0452

■ 23.5620, 43.1539,
7.0877

■ 29.1127, 45.8941,
12.8268

■ 31.6687, 47.1280,
16.7279

■ 34.7016, 48.5813,
21.8509

■ 38.2373, 50.2653,
28.2863

■ 42.2997, 52.1904,
36.1164

■ 46.9108, 54.3664,
45.4166

■ 52.0915, 56.8026,
56.2568

■ 57.8614, 59.5076,
68.7025

Harmonies

Analogous

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



36.4582, 44.0308, 3.6300



25.3127, 44.0308, 8.2633



19.6827, 44.0308, 25.3665

Triad

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



25.3127, 44.0308, 8.2633



32.9641, 44.0308, 180.5482



78.0252, 44.0308, 33.5322

Complementary

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



25.3127, 44.0308, 8.2633



21.6086, 10.5385, 56.1560

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.



76.4289, 44.0308, 81.0321



25.3127, 44.0308, 8.2633



47.7488, 44.0308, 188.0042

Square

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



25.3127, 44.0308, 8.2633



23.2955, 44.0308, 127.5792



64.3658, 44.0308, 144.1953



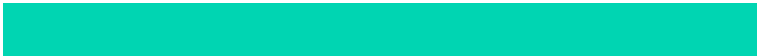
68.3061, 44.0308, 11.1105

Rectangle

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



25.3127, 44.0308, 8.2633



18.7306, 44.0308, 49.4599



64.3658, 44.0308, 144.1953



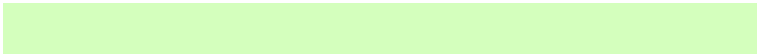
78.8452, 44.0308, 46.4556

Sweetspot

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



25.3137, 44.0327, 8.2643



72.1962, 89.2462, 61.3947



33.3255, 30.5567, 5.2409



14.9097, 18.8452, 12.0788



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.



25.3137, 44.0327, 8.2643



40.1114, 73.7632, 12.1236



21.9660, 42.2619, 10.1405



10.8502, 12.0697, 11.3206



14.9057, 27.1795, 4.4606



0.7848, 1.3277, 0.2149

Inverse Universe

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



21.6086, 10.5385, 56.1560



33.2827, 15.0727, 95.7629



32.5336, 16.4609, 43.5495



10.7002, 10.6192, 13.4032



12.4217, 5.6379, 35.1779



0.6651, 0.3066, 1.6693

Previews

White Background



This preview shows how the XYZ color 25.3127, 44.0308, 8.2633 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 25.3127, 44.0308, 8.2633 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 25.3127, 44.0308, 8.2633

Background



This preview shows how black text looks on a background with the XYZ color 25.3127, 44.0308, 8.2633.



This preview shows how white text looks on a background with the XYZ color 25.3127, 44.0308,

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

25.3127, 44.0308, 8.2633

Protanopia

38.9403, 43.1069, 6.9299

Deuteranopia

44.1919, 43.2313, 8.9210



Tritanopia

36.0387, 43.7269, 62.4178

Trichromacy



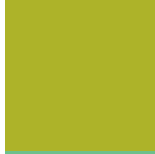
Original Color

25.3127, 44.0308, 8.2633



Protanomaly

31.8017, 42.1307, 7.2665



Deuteranomaly

33.7539, 41.2845, 8.2875



Tritanomaly

29.6942, 42.7515, 31.1129

Monochromacy



Original Color

25.3127, 44.0308, 8.2633



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.0698, 33.1489, 18.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3127, 44.0308, 8.2633 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(90, 201, 28)` looks like.

```
.text, #text, p{  
    color:rgb(90, 201, 28)  
}
```

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(90, 201, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 201, 28) }
```

Border

The CSS property to change the border of an element to XYZ 25.3127, 44.0308, 8.2633 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(90, 201, 28) }
```


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

```
.border{ border-color:rgb(90, 201, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 201, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 201, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 201, 28);  
box-shadow:4px 4px 4px 4px rgb(90, 201,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3127, 44.0308, 8.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 201, 28) }
```

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

```
.background{ background-color: rgb(90, 201,  
28) }
```

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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