

Converting Colors

XYZ(25.4889, 49.8460, 9.9125)

Have a look what the booklet for
XYZ(25.4889, 49.8460, 9.9125)
contains.

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Color

**XYZ(25.5573, 49.9727,
9.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	1AD924
RGB	26, 217, 36
RGB Percent	10%, 85%, 14%
CMY	0.8980, 0.1490, 0.8588
CMYK	0.88, 0.00, 0.83, 0.15
HSL	123°, 79%, 48%
HSV	123°, 88%, 85%
XYZ	25.5573, 49.9727, 9.9678
YIQ	139.2570, -55.7350, -96.7830

Conversions

Conversions Part 2

Format	Color
RYB	26, 207, 217
Decimal	1759524
CIELab	76.05, -74.06, 68.57
CIELCh	76, 100.928, 137.202
Yxy	49.9727, 0.2989, 0.5845
Android (android.graphics.Color)	4279949604 (0xFF1AD924)
YUV	139.2570, -50.9057, -99.3264
Hunter-Lab	70.6914, -59.1762, 41.1238

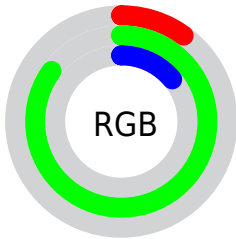
Details

The XYZ color **25.5573, 49.9727, 9.9678** is a dark color, and the websafe version is hex **00CC00**.

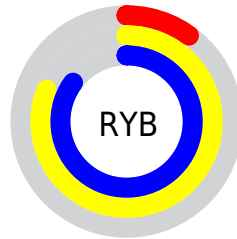
The color can be described as dark washed green. A complement of this color would be **40.2476, 19.9958, 60.7659**, and the grayscale version is **24.8468, 26.1408, 28.4673**.

A 20% lighter version of the original color is **44.9516, 75.9983, 24.1043**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **24.9571, 49.6912, 8.7448**, and if you desaturate by 10%, it is **26.7466, 50.5400, 12.1609**.

Distribution



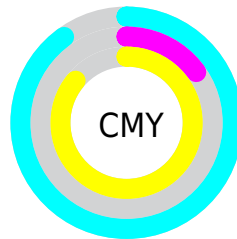
- Red (10%)
- Green (85%)
- Blue (14%)



- Red (10%)
- Yellow (81%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (83%)
- Black (15%)





- Cyan (90%)
- Magenta (15%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5573, 49.9727, 9.9678 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 25.5573, 49.9727, 9.9678 by changing the saturation by 10% instead.


 25.5573, 49.9727,
9.9678


 25.5573, 49.9727,
9.9678


272.8988,
386.5592, 200.9186


 16.6237, 35.3917,
5.2723


 51.9963, 90.1344,
26.3418

 10.0602, 23.9648,
2.3464


 70.2324, 116.4839,
38.8573


 5.5015, 15.3075,
0.7570


 92.3000, 147.5251,
54.8167

 2.5821, 9.0355,
0.0000

 118.5646,
183.6423, 74.6383

 0.9369, 4.7643,
0.0000

 149.3914,
225.2199, 98.7407

 0.0000, 2.1097,
0.0000

 185.1458,

 0.0000, 0.6700,

272.6423, 127.5426

0.0000

226.1931,
326.2939, 161.4623

■ 0.0000, 0.0000,
0.0000

■ 25.5573, 49.9727,
9.9678

■ 25.5573, 49.9727,
9.9678

■ 24.9571, 49.6912,
8.7448

■ 26.7466, 50.5400,
12.1609

■ 24.8764, 49.6528,
8.6009

■ 28.6410, 51.4454,
15.4669

■ 31.3287, 52.7332,
20.0084

■ 34.8841, 54.4396,
25.8909

■ 39.3731, 56.5964,
33.2085

■ 44.8553, 59.2326,
42.0471

■ 51.3851, 62.3746,
52.4858

■ 59.0132, 66.0468,
64.5979

■ 67.7869, 70.2723,
78.4526

Harmonies

Analogous

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



37.5646, 49.9727, 3.2907



25.5573, 49.9727, 9.9678



20.1948, 49.9727, 34.5038

Triad

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



25.5573, 49.9727, 9.9678



39.9122, 49.9727, 231.3863



91.2170, 49.9727, 29.1245

Complementary

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



25.5573, 49.9727, 9.9678



40.2476, 19.9958, 60.7659

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.



92.3351, 49.9727, 80.7985



25.5573, 49.9727, 9.9678



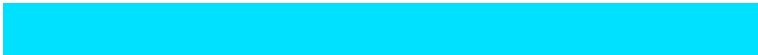
59.0432, 49.9727, 226.0106

Square

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



25.5573, 49.9727, 9.9678



26.8822, 49.9727, 171.6463



79.3654, 49.9727, 159.8001



76.6249, 49.9727, 8.2572

Rectangle

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



25.5573, 49.9727, 9.9678



19.8492, 49.9727, 68.4897



79.3654, 49.9727, 159.8001



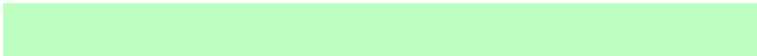
93.2957, 49.9727, 42.4087

Sweetspot

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



25.5585, 49.9748, 9.9689



66.2057, 86.1140, 63.1029



50.8594, 63.0331, 10.4633



13.5237, 18.1207, 12.4681



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.



25.5585, 49.9748, 9.9689



35.8350, 71.5500, 12.3150



29.3402, 51.4874, 29.8830



12.9140, 14.6172, 14.0103



15.0702, 30.0607, 5.2690



0.9863, 1.9515, 0.3938

Inverse Universe

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



40.2476, 19.9958, 60.7659



57.2124, 27.6490, 86.0395



31.9078, 16.6599, 16.8492



13.5834, 13.2624, 16.3333



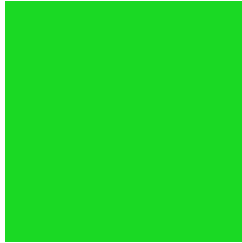
24.0513, 11.6216, 36.2457



1.5674, 0.7566, 2.3968

Previews

White Background



This preview shows how the XYZ color 25.5573, 49.9727, 9.9678 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 25.5573, 49.9727, 9.9678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

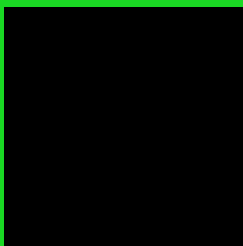
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

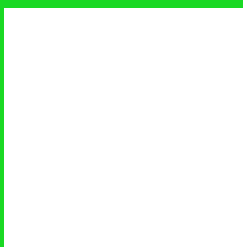
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5573, 49.9727, 9.9678

Background



This preview shows how black text looks on a background with the XYZ color 25.5573, 49.9727, 9.9678.



This preview shows how white text looks on a background with the XYZ color 25.5573, 49.9727,

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

25.5573, 49.9727, 9.9678

Protanopia

44.0512, 48.7523, 8.1253

Deuteranopia

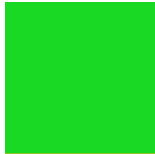
49.8933, 48.6798, 10.7695



Tritanopia

38.2896, 49.6302, 73.8912

Trichromacy



Original Color

25.5573, 49.9727, 9.9678



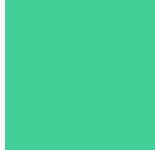
Protanomaly

31.3559, 45.7770, 8.4115



Deuteranomaly

33.3071, 44.7610, 9.9019



Tritanomaly

30.4346, 48.1579, 37.3971

Monochromacy



Original Color

25.5573, 49.9727, 9.9678



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.2540, 31.1934, 17.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5573, 49.9727, 9.9678 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(26, 217, 36)` looks like.

```
.text, #text, p{  
    color:rgb(26, 217, 36)  
}
```

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(26, 217, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 217, 36) }
```

Border

The CSS property to change the border of an element to XYZ 25.5573, 49.9727, 9.9678 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(26, 217, 36) }
```


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

```
.border{ border-color:rgb(26, 217, 36) }
```

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

Here you see how a box with a 4 pixel rgb(26, 217, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 217, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 217, 36);  
box-shadow:4px 4px 4px 4px rgb(26, 217,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5573, 49.9727, 9.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 217, 36) }
```

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

```
.background{ background-color: rgb(26, 217,  
36) }
```

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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