

Converting Colors

XYZ(25.8731, 50.9232, 9.3297)

Have a look what the booklet for
XYZ(25.8731, 50.9232, 9.3297)
contains.

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Color

**XYZ(25.8731, 50.9232,
9.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	18DB18
RGB	24, 219, 24
RGB Percent	9%, 86%, 9%
CMY	0.9059, 0.1412, 0.9058
CMYK	0.89, 0.00, 0.89, 0.14
HSL	120°, 80%, 48%
HSV	120°, 89%, 86%
XYZ	25.8731, 50.9232, 9.3297
YIQ	138.4650, -53.6250, -101.9850

Conversions

Conversions Part 2

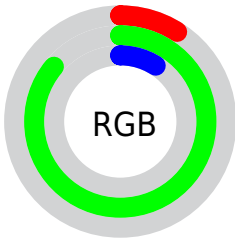
Format	Color
R_{YB}	24, 219, 219
Decimal	1628952
CIE Lab	76.63, -75.23, 71.54
CIE LCh	77, 103.815, 136.441
Yxy	50.9232, 0.3004, 0.5913
Android (android.graphics.Color)	4279819032 (0xFF18DB18)
YUV	138.4650, -56.4312, -100.3858
Hunter-Lab	71.3605, -60.1623, 42.2007

Details

The XYZ color **25.8731, 50.9232, 9.3297** 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 **42.3260, 20.8279, 68.7997**, and the grayscale version is **24.5611, 25.8402, 28.1400**.

A 20% lighter version of the original color is **44.6312, 75.8701, 22.4173**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.3704, 50.6833, 8.5065**, and if you desaturate by 10%, it is **26.9463, 51.4402, 11.0846**.

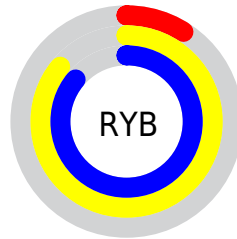
Distribution



Red (9%)

Green (86%)

Blue (9%)



Red (9%)

Yellow (86%)

Blue (86%)

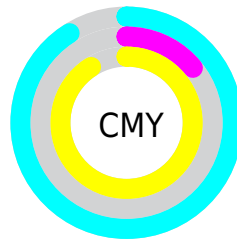


Cyan (89%)

Magenta (0%)

Yellow (89%)

Black (14%)



Cyan (91%)


Magenta (14%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8731, 50.9232, 9.3297 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 25.8731, 50.9232, 9.3297 by changing the saturation by 10% instead.


 25.8731, 50.9232,
9.3297


 25.8731, 50.9232,
9.3297


274.4267,
390.2653, 196.1265


 16.8609, 36.1475,
4.8571


 52.5029, 91.5412,
25.1147

 10.2301, 24.5481,
2.1064


 70.8513, 118.1524,
37.2641


 5.6152, 15.7407,
0.6196


 93.0424, 149.4774,
52.8096

 2.6510, 9.3409,
0.0000

 119.4416,
185.9008, 72.1697

 0.9720, 4.9642,
0.0000

 150.4143,
227.8069, 95.7628

 0.0000, 2.2263,
0.0000

 186.3258,

 0.0000, 0.7343,

275.5800, 124.0077

0.0000

227.5415,
329.6047, 157.3227

■ 0.0000, 0.0000,
0.0000

■ 25.8731, 50.9232,
9.3297

■ 25.8731, 50.9232,
9.3297

■ 25.3704, 50.6833,
8.5065

■ 26.9463, 51.4402,
11.0846

■ 25.3326, 50.6651,
8.4447

■ 28.7403, 52.3020,
14.0195

■ 31.3533, 53.5571,
18.2937

■ 34.8671, 55.2450,
24.0414

■ 39.3539, 57.4002,
31.3803

■ 44.8783, 60.0539,
40.4164

■ 51.4996, 63.2344,
51.2465

■ 59.2725, 66.9682,
63.9600

■ 68.2481, 71.2796,
78.6405

Harmonies

Analogous

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



38.4824, 50.9232, 2.9606



25.8731, 50.9232, 9.3297



20.1944, 50.9232, 33.7647

Triad

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



25.8731, 50.9232, 9.3297



40.0785, 50.9232, 240.9680



94.3917, 50.9232, 30.1288

Complementary

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



25.8731, 50.9232, 9.3297



42.3260, 20.8279, 68.7997

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.



95.1611, 50.9232, 84.8545



25.8731, 50.9232, 9.3297



59.8923, 50.9232, 237.2381

Square

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



25.8731, 50.9232, 9.3297



26.7678, 50.9232, 176.5052



81.2388, 50.9232, 168.3119



79.3567, 50.9232, 8.2058

Rectangle

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



25.8731, 50.9232, 9.3297



19.7434, 50.9232, 68.4829



81.2388, 50.9232, 168.3119



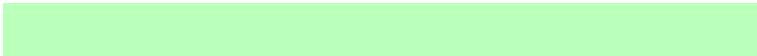
96.4440, 50.9232, 44.1797

Sweetspot

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



25.8743, 50.9253, 9.3308



64.9256, 85.5297, 59.6279



54.7120, 65.7917, 10.6796



13.2648, 18.0033, 11.7292



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.



25.8743, 50.9253, 9.3308



35.7601, 71.5200, 11.9206



29.1913, 52.2521, 26.7982



12.8866, 14.6063, 13.8659



15.0205, 30.0408, 5.0072



0.9731, 1.9462, 0.3245

Inverse Universe

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



42.3260, 20.8279, 68.7997



59.2869, 28.4788, 96.9636



33.0233, 17.1068, 19.8125



13.6144, 13.2749, 16.4966



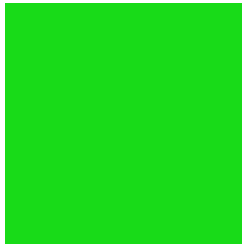
24.9025, 11.9620, 40.7281



1.6133, 0.7750, 2.6386

Previews

White Background



This preview shows how the XYZ color 25.8731, 50.9232, 9.3297 looks on a white background.

Color Contrast Check

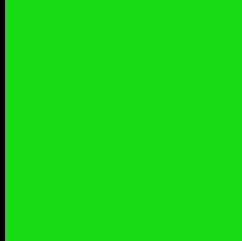
Large Text (above 18pt) WCAG AA × Fail

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 25.8731, 50.9232, 9.3297 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 25.8731, 50.9232, 9.3297

Background



This preview shows how black text looks on a background with the XYZ color 25.8731, 50.9232, 9.3297.



This preview shows how white text looks on a background with the XYZ color 25.8731, 50.9232, 9.3297.

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

25.8731, 50.9232, 9.3297

Protanopia

44.9020, 49.8372, 7.5401

Deuteranopia

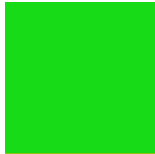
50.8012, 49.7509, 10.1742



Tritanopia

39.1272, 50.7327, 75.4403

Trichromacy



Original Color

25.8731, 50.9232, 9.3297



Protanomaly

31.8373, 46.7210, 7.7920



Deuteranomaly

33.5884, 45.5762, 9.2173



Tritanomaly

30.6795, 49.0361, 36.2817

Monochromacy



Original Color

25.8731, 50.9232, 9.3297



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

20.9061, 31.0419, 16.1991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8731, 50.9232, 9.3297 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(24, 219, 24)` looks like.

```
.text, #text, p{  
    color:rgb(24, 219, 24)  
}
```

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(24, 219, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 219, 24) }
```

Border

The CSS property to change the border of an element to XYZ 25.8731, 50.9232, 9.3297 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(24, 219, 24) }
```


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

```
.border{ border-color:rgb(24, 219, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 219, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 219, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 219, 24);  
box-shadow:4px 4px 4px 4px rgb(24, 219,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8731, 50.9232, 9.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 219, 24) }
```

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

```
.background{ background-color: rgb(24, 219,  
24) }
```

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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