

Converting Colors

XYZ(28.0430, 55.2199, 9.9753)

Have a look what the booklet for
XYZ(28.0430, 55.2199, 9.9753)
contains.

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Color

**XYZ(28.0497, 55.2196,
9.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	1AE317
RGB	26, 227, 23
RGB Percent	10%, 89%, 9%
CMY	0.8980, 0.1098, 0.9097
CMYK	0.89, 0.00, 0.90, 0.11
HSL	119°, 82%, 49%
HSV	119°, 90%, 89%
XYZ	28.0497, 55.2196, 9.9907
YIQ	143.6450, -54.3120, -106.0560

Conversions

Conversions Part 2

Format	Color
RYB	23, 227, 224
Decimal	1762071
CIELab	79.17, -77.32, 73.87
CIELCh	79, 106.935, 136.304
Yxy	55.2196, 0.3008, 0.5921
Android (android.graphics.Color)	4279952151 (0xFF1AE317)
YUV	143.6450, -59.4780, -103.1747
Hunter-Lab	74.3099, -62.6640, 44.0456

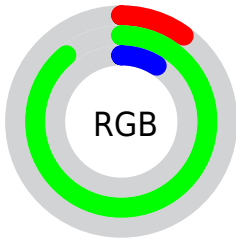
Details

The XYZ color **28.0497, 55.2196, 9.9907** 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 **44.9196, 22.0105, 74.5569**, and the grayscale version is **26.6153, 28.0013, 30.4935**.

A 20% lighter version of the original color is **45.0719, 76.0922, 22.6677**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **27.5174, 54.9645, 9.1680**, and if you desaturate by 10%, it is **29.1941, 55.7728, 11.7822**.

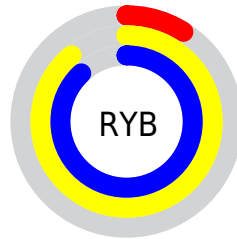
Distribution



Red (10%)

Green (89%)

Blue (9%)



Red (9%)

Yellow (89%)

Blue (88%)

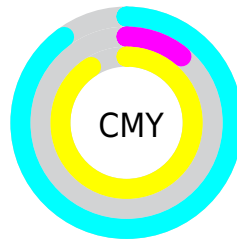


Cyan (89%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (90%)


Magenta (11%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0497, 55.2196, 9.9907 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 28.0497, 55.2196, 9.9907 by changing the saturation by 10% instead.


 28.0497, 55.2196,
9.9907


 28.0497, 55.2196,
9.9907


284.7801,
406.7438, 201.0881


 18.5038, 39.5776,
5.2873


 55.9719, 97.8626,
26.3855


 11.4141, 27.2093,
2.3551


 75.0788, 125.6324,
38.9140

 6.4155, 17.7305,
0.7618


 98.1035, 158.2136,
54.8880

 3.1424, 10.7567,
0.0000

 125.4112,
195.9905, 74.7259

 1.2295, 5.9035,
0.0000

 157.3674,
239.3476, 98.8463

 0.1295, 2.7865,
0.0000

 194.3374,

 0.0000, 1.0213,

288.6693, 127.6678

0.0000

236.6865,
344.3399, 161.6089

■ 0.0000, 0.0000,
0.0000

■ 28.0497, 55.2196,
9.9907

■ 28.0497, 55.2196,
9.9907

■ 27.5174, 54.9645,
9.1680

■ 29.1941, 55.7728,
11.7822

■ 27.5117, 54.9618,
9.1587

■ 31.1056, 56.6925,
14.8392

■ 33.8884, 58.0304,
19.3391

■ 37.6297, 59.8281,
25.4301

■ 42.4061, 62.1225,
33.2421

■ 48.2865, 64.9464,
42.8916

■ 55.3337, 68.3301,
54.4850

■ 63.6061, 72.3014,
68.1205

■ 73.1578, 76.8864,
83.8898

Harmonies

Analogous

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



41.7843, 55.2196, 3.1577



28.0497, 55.2196, 9.9907



21.8531, 55.2196, 36.3653

Triad

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



28.0497, 55.2196, 9.9907



43.3534, 55.2196, 261.9158



102.5593, 55.2196, 32.7935

Complementary

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



28.0497, 55.2196, 9.9907



44.9196, 22.0105, 74.5569

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.



103.3168, 55.2196, 92.4742



28.0497, 55.2196, 9.9907



64.8714, 55.2196, 258.2401

Square

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



28.0497, 55.2196, 9.9907



28.9286, 55.2196, 191.4565



88.1065, 55.2196, 183.3852



86.2540, 55.2196, 8.8904

Rectangle

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



28.0497, 55.2196, 9.9907



21.3447, 55.2196, 73.9778



88.1065, 55.2196, 183.3852



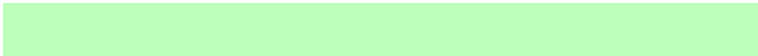
104.7670, 55.2196, 48.1190

Sweetspot

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



28.0510, 55.2219, 9.9919



65.1707, 85.6561, 59.6364



58.3840, 69.4923, 11.1477



13.3204, 18.0320, 11.7312



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.



28.0510, 55.2219, 9.9919



35.8067, 71.5441, 11.9222



31.3127, 56.5182, 27.5449



14.2087, 16.0991, 15.2630



16.0527, 32.0570, 5.3416



1.1932, 2.3725, 0.3950

Inverse Universe

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



44.9196, 22.0105, 74.5569



57.9316, 27.7797, 96.9164



35.9099, 18.5143, 22.2449



14.9732, 14.6039, 18.1740



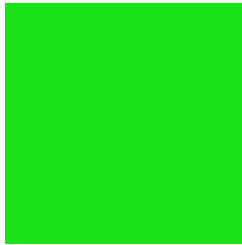
25.9659, 12.4518, 43.4181



1.9255, 0.9236, 3.2088

Previews

White Background



This preview shows how the XYZ color 28.0497, 55.2196, 9.9907 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 28.0497, 55.2196, 9.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

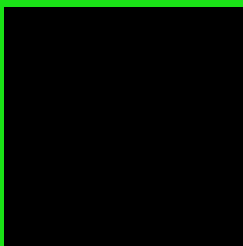
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

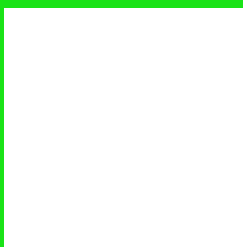
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0497, 55.2196, 9.9907

Background



This preview shows how black text looks on a background with the XYZ color 28.0497, 55.2196, 9.9907.



This preview shows how white text looks on a background with the XYZ color 28.0497, 55.2196,

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

28.0497, 55.2196, 9.9907

Protanopia

48.7450, 54.0969, 7.9588

Deuteranopia

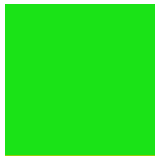
55.0913, 53.7711, 10.8434



Tritanopia

42.2276, 54.7314, 81.7374

Trichromacy



Original Color

28.0497, 55.2196, 9.9907



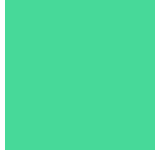
Protanomaly

34.7620, 51.0371, 8.3062



Deuteranomaly

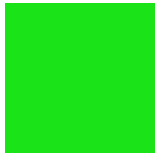
36.5892, 49.4751, 9.8117



Tritanomaly

33.1612, 53.2652, 38.6704

Monochromacy



Original Color

28.0497, 55.2196, 9.9907



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

22.8031, 33.9589, 17.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0497, 55.2196, 9.9907 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, 227, 23)` looks like.

```
.text, #text, p{  
    color:rgb(26, 227, 23)  
}
```

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, 227, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 227, 23) }
```

Border

The CSS property to change the border of an element to XYZ 28.0497, 55.2196, 9.9907 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, 227, 23) }
```


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

```
.border{ border-color:rgb(26, 227, 23) }
```

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

Here you see how a box with a 4 pixel rgb(26, 227, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 227, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 227, 23);  
box-shadow:4px 4px 4px 4px rgb(26, 227,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0497, 55.2196, 9.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 227, 23) }
```

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

```
.background{ background-color: rgb(26, 227,  
23) }
```

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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