

Converting Colors

XYZ(26.3091, 51.5393, 8.9273)

Have a look what the booklet for
XYZ(26.3091, 51.5393, 8.9273)
contains.

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Color

**XYZ(26.3255, 51.5555,
8.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	22DC0D
RGB	34, 220, 13
RGB Percent	13%, 86%, 5%
CMY	0.8667, 0.1372, 0.9489
CMYK	0.85, 0.00, 0.94, 0.14
HSL	114°, 89%, 46%
HSV	114°, 94%, 86%
XYZ	26.3255, 51.5555, 8.9445
YIQ	140.7880, -44.4090, -103.8090

Conversions

Conversions Part 2

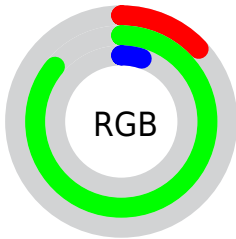
Format	Color
RYB	13, 220, 199
Decimal	2284557
CIELab	77.01, -75.00, 73.43
CIELCh	77, 104.960, 135.607
Yxy	51.5555, 0.3032, 0.5938
Android (android.graphics.Color)	4280474637 (0xFF22DC0D)
YUV	140.7880, -62.9995, -93.6531
Hunter-Lab	71.8022, -60.2086, 42.8757

Details

The XYZ color **26.3255, 51.5555, 8.9445** 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 **36.6239, 17.6021, 69.1801**, and the grayscale version is **25.4878, 26.8152, 29.2018**.

A 20% lighter version of the original color is **44.9927, 76.0761, 21.5453**, and **13.0972, 26.1944, 4.3657** is the 20% darker color. If you saturate the color by 10%, you get **25.9316, 51.3624, 8.5472**, and if you desaturate by 10%, it is **27.4070, 52.0879, 10.2015**.

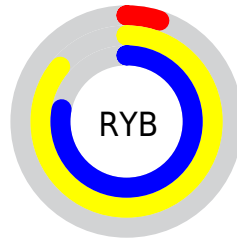
Distribution



Red (13%)

Green (86%)

Blue (5%)



Red (5%)

Yellow (86%)

Blue (78%)

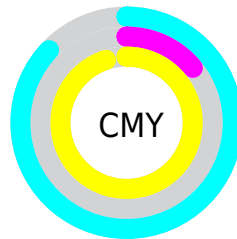


Cyan (85%)

Magenta (0%)

Yellow (94%)

Black (14%)



Cyan (87%)


Magenta (14%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3255, 51.5555, 8.9445 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 26.3255, 51.5555, 8.9445 by changing the saturation by 10% instead.


 26.3255, 51.5555,
8.9445


 26.3255, 51.5555,
8.9445


276.6038,
392.7182, 193.1661


 17.2013, 36.6509,
4.6087


 53.2272, 92.4754,
24.3663

 10.4743, 24.9373,
1.9649


 71.7353, 119.2594,
36.2894


 5.7792, 16.0304,
0.5335


 94.1021, 150.7721,
51.5786

 2.7507, 9.5456,
0.0000

 120.6930,
187.3977, 70.6525

 1.0233, 5.0988,
0.0000

 151.8732,
229.5208, 93.9297

 0.0000, 2.3053,
0.0000

 188.0082,

 0.0000, 0.7765,

277.5256, 121.8287

0.0000

229.4632,
331.7966, 154.7680

■ 0.0000, 0.0000,
0.0000

■ 26.3255, 51.5555,
8.9445

■ 26.3255, 51.5555,
8.9445

■ 25.9316, 51.3624,
8.5472

■ 27.4070, 52.0879,
10.2015

■ 29.1222, 52.9218,
12.5542

■ 31.5523, 54.0968,
16.1808

■ 34.7652, 55.6448,
21.2268

■ 38.8208, 57.5938,
27.8182

■ 43.7733, 59.9695,
36.0671

■ 49.6720, 62.7950,
46.0750

■ 56.5630, 66.0920,
57.9356

■ 64.4890, 69.8808,
71.7358

Harmonies

Analogous

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



39.3601, 51.5555, 2.8352



26.3255, 51.5555, 8.9445



20.3782, 51.5555, 32.9531

Triad

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



26.3255, 51.5555, 8.9445



40.0445, 51.5555, 244.8772



96.2001, 51.5555, 31.3971

Complementary

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



26.3255, 51.5555, 8.9445



36.6239, 17.6021, 69.1801

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.



96.5313, 51.5555, 88.2318



26.3255, 51.5555, 8.9445



60.1023, 51.5555, 243.2674

Square

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



26.3255, 51.5555, 8.9445



26.7083, 51.5555, 177.4678



81.9671, 51.5555, 173.9352



81.1575, 51.5555, 8.4680

Rectangle

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



26.3255, 51.5555, 8.9445



19.8131, 51.5555, 67.6072



81.9671, 51.5555, 173.9352



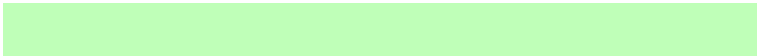
98.1491, 51.5555, 46.0404

Sweetspot

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



26.3267, 51.5576, 8.9457



65.8144, 86.0190, 58.2624



49.2967, 54.6604, 8.3339



13.3363, 18.0520, 11.1998



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.



26.3267, 51.5576, 8.9457



36.1820, 71.7375, 11.9397



27.7084, 52.0533, 18.7964



13.0083, 14.6690, 13.8714



15.2619, 30.1653, 5.0181



1.0313, 1.9762, 0.3271

Inverse Universe

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



36.6239, 17.6021, 69.1801



50.4138, 23.9042, 96.5646



34.4432, 17.4178, 26.6142



13.4776, 13.2043, 16.4905



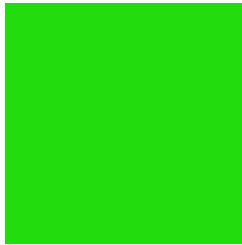
21.2586, 10.0834, 40.5642



1.4156, 0.6730, 2.6297

Previews

White Background



This preview shows how the XYZ color 26.3255, 51.5555, 8.9445 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 26.3255, 51.5555, 8.9445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

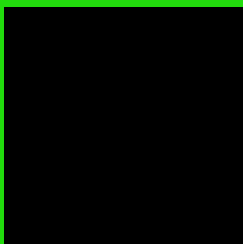
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3255, 51.5555, 8.9445

Background



This preview shows how black text looks on a background with the XYZ color 26.3255, 51.5555, 8.9445.



This preview shows how white text looks on a background with the XYZ color 26.3255, 51.5555,

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

26.3255, 51.5555, 8.9445

Protanopia

45.3490, 50.3922, 7.3365

Deuteranopia

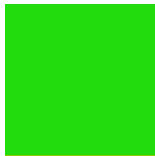
51.5995, 50.4665, 9.9271



Tritanopia

39.8122, 51.4245, 76.2342

Trichromacy



Original Color

26.3255, 51.5555, 8.9445



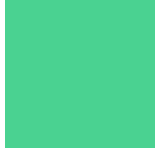
Protanomaly

32.7143, 47.5226, 7.5921



Deuteranomaly

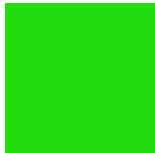
34.7145, 46.4975, 8.8143



Tritanomaly

30.9815, 49.5934, 34.7276

Monochromacy



Original Color

26.3255, 51.5555, 8.9445



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.8746, 32.3824, 15.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3255, 51.5555, 8.9445 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(34, 220, 13)` looks like.

```
.text, #text, p{  
    color:rgb(34, 220, 13)  
}
```

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(34, 220, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 220, 13) }
```

Border

The CSS property to change the border of an element to XYZ 26.3255, 51.5555, 8.9445 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(34, 220, 13) }
```


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

```
.border{ border-color:rgb(34, 220, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 220, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 220, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 220, 13);  
box-shadow:4px 4px 4px 4px rgb(34, 220,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3255, 51.5555, 8.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 220, 13) }
```

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

```
.background{ background-color: rgb(34, 220,  
13) }
```

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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