

Converting Colors

XYZ(26.8031, 52.7301, 8.8858)

Have a look what the booklet for
XYZ(26.8031, 52.7301, 8.8858)
contains.

XYZ(26.7083, 52.5426, 8.8489)	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(26.7083, 52.5426,
8.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	1FDE04
RGB	31, 222, 4
RGB Percent	12%, 87%, 2%
CMY	0.8784, 0.1294, 0.9842
CMYK	0.86, 0.00, 0.98, 0.13
HSL	113°, 96%, 44%
HSV	113°, 98%, 87%
XYZ	26.7083, 52.5426, 8.8489
YIQ	140.0390, -43.8580, -108.2900

Conversions

Conversions Part 2

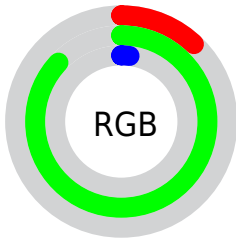
Format	Color
R _Y B	4, 222, 195
Decimal	2088452
CIE Lab	77.60, -75.97, 74.76
CIE LCh	78, 106.583, 135.462
Yxy	52.5426, 0.3032, 0.5964
Android (android.graphics.Color)	4280278532 (0xFF1FDE04)
YUV	140.0390, -67.0672, -95.6272
Hunter-Lab	72.4863, -61.0809, 43.5025

Details

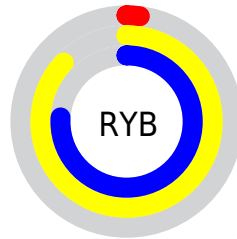
The XYZ color **26.7083, 52.5426, 8.8489** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **35.7423, 16.9676, 70.5012**, and the grayscale version is **25.2098, 26.5227, 28.8832**.

A 20% lighter version of the original color is **44.9109, 76.0434, 21.1149**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.5869, 52.4841, 8.7292**, and if you desaturate by 10%, it is **27.6493, 53.0100, 9.7654**.

Distribution



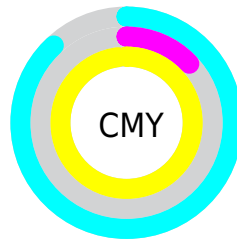
- Red (12%)
- Green (87%)
- Blue (2%)



- Red (2%)
- Yellow (87%)
- Blue (76%)



- Cyan (86%)
- Magenta (0%)
- Yellow (98%)
- Black (13%)





- Cyan (88%)
- Magenta (13%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7083, 52.5426, 8.8489 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 26.7083, 52.5426, 8.8489 by changing the saturation by 10% instead.


 26.7083, 52.5426,
8.8489


 26.7083, 52.5426,
8.8489


278.4353,
396.5278, 192.4230


 17.4897, 37.4378,
4.5473


 53.8386, 93.9310,
24.1796


 10.6817, 25.5466,
1.9301


 72.4811, 120.9833,
36.0459


 5.9190, 16.4848,
0.5118


 94.9955, 152.7869,
51.2707

 2.8361, 9.8678,
0.0000

 121.7474,
189.7261, 70.2727

 1.0677, 5.3114,
0.0000

 153.1019,
232.1855, 93.4704

 0.0000, 2.4311,
0.0000

 189.4245,

 0.0000, 0.8418,

280.5492, 121.2823

0.0000

231.0805,
335.2019, 154.1270

■ 0.0000, 0.0000,
0.0000

■ 26.7083, 52.5426,
8.8489

■ 26.7083, 52.5426,
8.8489

■ 26.5869, 52.4841,
8.7292

■ 27.6493, 53.0100,
9.7654

■ 29.1839, 53.7603,
11.6815

■ 31.4024, 54.8366,
14.8284

■ 34.3744, 56.2714,
19.3660

■ 38.1609, 58.0931,
25.4304

■ 42.8165, 60.3273,
33.1412

■ 48.3908, 62.9972,
42.6062

■ 54.9300, 66.1246,
53.9243

■ 62.4770, 69.7294,
67.1868

Harmonies

Analogous

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



40.1146, 52.5426, 2.7474



26.7083, 52.5426, 8.8489



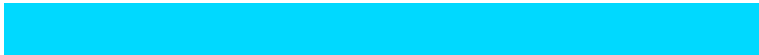
20.5910, 52.5426, 33.2131

Triad

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



26.7083, 52.5426, 8.8489



40.6494, 52.5426, 252.0143



98.6218, 52.5426, 32.0001

Complementary

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



26.7083, 52.5426, 8.8489



35.7423, 16.9676, 70.5012

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.



98.8819, 52.5426, 90.6409



26.7083, 52.5426, 8.8489



61.2519, 52.5426, 250.7458

Square

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



26.7083, 52.5426, 8.8489



27.0066, 52.5426, 182.0015



83.7957, 52.5426, 179.2215



83.1604, 52.5426, 8.4819

Rectangle

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



26.7083, 52.5426, 8.8489



19.9944, 52.5426, 68.6909



83.7957, 52.5426, 179.2215



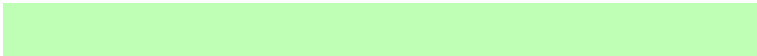
100.6068, 52.5426, 47.0854

Sweetspot

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



26.7095, 52.5448, 8.8501



65.3912, 85.8313, 56.8636



49.2042, 53.6526, 7.8783



13.2728, 18.0250, 10.9379



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.



26.7095, 52.5448, 8.8501



36.3420, 71.8200, 11.9472



27.7711, 52.9100, 17.1267



13.6856, 15.4181, 14.5615



15.8414, 31.1991, 5.1871



1.1505, 2.1896, 0.3620

Inverse Universe

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



35.7423, 16.9676, 70.5012



48.6183, 22.9785, 96.4806



35.0576, 17.5730, 27.1666



14.1194, 13.8451, 17.3159



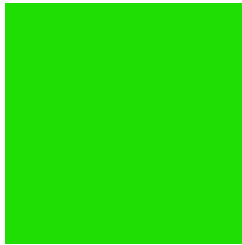
21.1915, 10.0199, 41.8655



1.5164, 0.7190, 2.9041

Previews

White Background



This preview shows how the XYZ color 26.7083, 52.5426, 8.8489 looks on a white background.

Color Contrast Check

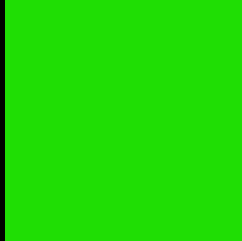
Large Text (above 18pt) WCAG AA × Fail

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 26.7083, 52.5426, 8.8489 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 26.7083, 52.5426, 8.8489

Background



This preview shows how black text looks on a background with the XYZ color 26.7083, 52.5426, 8.8489.



This preview shows how white text looks on a background with the XYZ color 26.7083, 52.5426, 8.8489.

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

26.7083, 52.5426, 8.8489

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

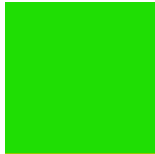
52.4514, 51.2066, 9.9157



Tritanopia

40.3204, 52.0117, 77.7262

Trichromacy



Original Color

26.7083, 52.5426, 8.8489



Protanomaly

33.1586, 48.4463, 7.6321



Deuteranomaly

34.8801, 46.9210, 8.5848



Tritanomaly

31.2491, 50.4866, 34.0845

Monochromacy



Original Color

26.7083, 52.5426, 8.8489



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.5186, 32.2141, 14.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7083, 52.5426, 8.8489 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(31, 222, 4)` looks like.

```
.text, #text, p{  
    color:rgb(31, 222, 4)  
}
```

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(31, 222, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 222, 4) }
```

Border

The CSS property to change the border of an element to XYZ 26.7083, 52.5426, 8.8489 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(31, 222, 4) }
```


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

```
.border{ border-color:rgb(31, 222, 4) }
```

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

Here you see how a box with a 4 pixel rgb(31, 222, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 222, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 222, 4);  
box-shadow:4px 4px 4px 4px rgb(31, 222, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7083, 52.5426, 8.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 222, 4) }
```

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

```
.background{ background-color: rgb(31, 222,  
4) }
```

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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