

Converting Colors

XYZ(26.0715, 50.1419, 10.0433)

Have a look what the booklet for
XYZ(26.0715, 50.1419, 10.0433)
contains.

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Color

**XYZ(26.1430, 50.2729,
10.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	2BD925
RGB	43, 217, 37
RGB Percent	17%, 85%, 15%
CMY	0.8314, 0.1490, 0.8549
CMYK	0.80, 0.00, 0.83, 0.15
HSL	118°, 71%, 50%
HSV	118°, 83%, 85%
XYZ	26.1430, 50.2729, 10.0760
YIQ	144.4540, -45.9240, -92.8680

Conversions

Conversions Part 2

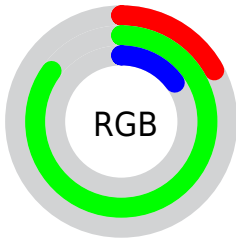
Format	Color
RYB	37, 217, 211
Decimal	2873637
CIELab	76.24, -72.40, 68.57
CIELCh	76, 99.716, 136.559
Yxy	50.2729, 0.3023, 0.5812
Android (android.graphics.Color)	4281063717 (0xFF2BD925)
YUV	144.4540, -52.9748, -88.9752
Hunter-Lab	70.9034, -58.2657, 41.2067

Details

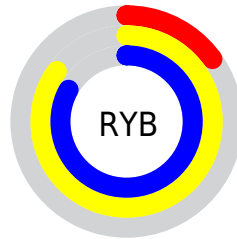
The XYZ color **26.1430, 50.2729, 10.0760** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.0550, 20.1847, 67.4333**, and the grayscale version is **26.9145, 28.3161, 30.8363**.

A 20% lighter version of the original color is **45.8973, 76.4858, 24.1486**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **25.2337, 49.8340, 8.7525**, and if you desaturate by 10%, it is **27.7087, 51.0298, 12.4876**.

Distribution



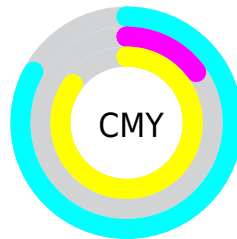
- Red (17%)
- Green (85%)
- Blue (15%)



- Red (15%)
- Yellow (85%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (83%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1430, 50.2729, 10.0760 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 26.1430, 50.2729, 10.0760 by changing the saturation by 10% instead.

■ 26.1430, 50.2729,
10.0760

■ 26.1430, 50.2729,
10.0760

275.7272,
387.7322, 201.7181

■ 17.0639, 35.6303,
5.3431

■ 52.9352, 90.5791,
26.5484

■ 10.3756, 24.1488,
2.3877

■ 71.3790, 117.0114,
39.1250

■ 5.7129, 15.4440,
0.7797

■ 93.6751, 148.1425,
55.1532

■ 2.7103, 9.1316,
0.0000

■ 120.1888,
184.3567, 75.0517

■ 1.0025, 4.8271,
0.0000

■ 151.2856,
226.0383, 99.2388

■ 0.0000, 2.1462,
0.0000

■ 187.3306,

■ 0.0000, 0.6904,

273.5719, 128.1333

0.0000

228.6894,
327.3417, 162.1535

■ 0.0000, 0.0000,
0.0000

■ 26.1430, 50.2729,
10.0760

■ 26.1430, 50.2729,
10.0760

■ 25.2337, 49.8340,
8.7525

■ 27.7087, 51.0298,
12.4876

■ 24.9043, 49.6744,
8.2755

■ 30.0193, 52.1423,
16.1514

■ 33.1536, 53.6494,
21.2071

■ 37.1793, 55.5835,
27.7753

■ 42.1571, 57.9736,
35.9633

■ 48.1425, 60.8461,
45.8690

■ 55.1866, 64.2255,
57.5822

■ 63.3371, 68.1346,
71.1867

■ 72.6388, 72.5947,
86.7609

Harmonies

Analogous

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



38.2509, 50.2729, 3.4764



26.1430, 50.2729, 10.0760



20.6508, 50.2729, 34.1234

Triad

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



26.1430, 50.2729, 10.0760



39.9035, 50.2729, 228.3788



91.1944, 50.2729, 30.3241

Complementary

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



26.1430, 50.2729, 10.0760



40.0550, 20.1847, 67.4333

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.



91.9758, 50.2729, 82.3306



26.1430, 50.2729, 10.0760



58.7798, 50.2729, 224.6408

Square

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



26.1430, 50.2729, 10.0760



27.0794, 50.2729, 168.7064



78.9309, 50.2729, 160.4535



77.0134, 50.2729, 8.8475

Rectangle

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



26.1430, 50.2729, 10.0760



20.2254, 50.2729, 67.3632



78.9309, 50.2729, 160.4535



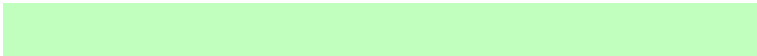
93.1403, 50.2729, 43.7990

Sweetspot

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



26.1442, 50.2750, 10.0771



67.2786, 86.6789, 62.6193



52.2459, 61.4766, 10.8635



13.7353, 18.2337, 12.3019



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.



26.1442, 50.2750, 10.0771



35.8662, 71.5748, 11.9250



29.0288, 51.4019, 26.4829



12.9264, 14.6268, 13.8675



15.0926, 30.0780, 5.0102



0.9922, 1.9560, 0.3253

Inverse Universe

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



40.0550, 20.1847, 67.4333



56.2369, 26.9061, 96.8371



33.5124, 17.7697, 23.8562



13.5693, 13.2516, 16.4948



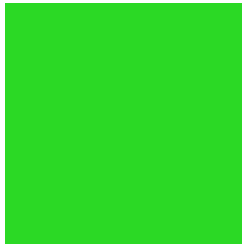
23.6514, 11.3169, 40.6762



1.5460, 0.7402, 2.6358

Previews

White Background



This preview shows how the XYZ color 26.1430, 50.2729, 10.0760 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 26.1430, 50.2729, 10.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

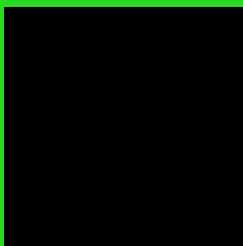
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

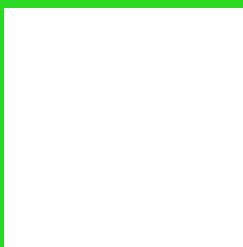
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1430, 50.2729, 10.0760

Background



This preview shows how black text looks on a background with the XYZ color 26.1430, 50.2729, 10.0760.



This preview shows how white text looks on a background with the XYZ color 26.1430, 50.2729,

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

26.1430, 50.2729, 10.0760

Protanopia

44.5704, 49.3310, 8.3351

Deuteranopia

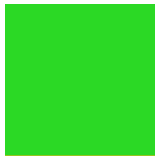
50.0901, 49.0734, 10.8351



Tritanopia

38.8124, 49.8997, 73.9156

Trichromacy



Original Color

26.1430, 50.2729, 10.0760



Protanomaly

32.8492, 46.8820, 8.6843



Deuteranomaly

34.7352, 45.8221, 10.0314



Tritanomaly

31.1222, 48.5123, 37.4293

Monochromacy



Original Color

26.1430, 50.2729, 10.0760



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

23.1761, 33.2715, 18.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1430, 50.2729, 10.0760 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(43, 217, 37)` looks like.

```
.text, #text, p{  
    color:rgb(43, 217, 37)  
}
```

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(43, 217, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 217, 37) }
```

Border

The CSS property to change the border of an element to XYZ 26.1430, 50.2729, 10.0760 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(43, 217, 37) }
```


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

```
.border{ border-color:rgb(43, 217, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 217, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 217, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 217, 37);  
box-shadow:4px 4px 4px 4px rgb(43, 217,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1430, 50.2729, 10.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 217, 37) }
```

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

```
.background{ background-color: rgb(43, 217,  
37) }
```

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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