

Converting Colors

XYZ(13.2692, 26.3233, 5.0864)

Have a look what the booklet for
XYZ(13.2692, 26.3233, 5.0864)
contains.

| | |
|--|----|
| XYZ(13.2326, 26.2485, 5.0785) | 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(13.2326, 26.2485,
5.0785)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00A315 |
| RGB | 0, 163, 21 |
| RGB Percent | 0%, 64%, 8% |
| CMY | 1.0000, 0.3608, 0.9176 |
| CMYK | 1.00, 0.00, 0.87, 0.36 |
| HSL | 128°, 100%, 32% |
| HSV | 128°, 100%, 64% |
| XYZ | 13.2326, 26.2485, 5.0785 |
| YIQ | 98.0750, -51.5660, -78.7180 |

Conversions

Conversions Part 2

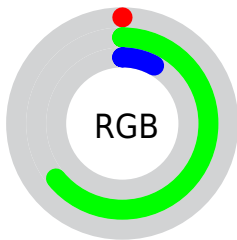
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 144, 163 |
| Decimal | 41749 |
| CIELab | 58.27, -61.00, 56.06 |
| CIELCh | 58, 82.847, 137.413 |
| Yxy | 26.2485, 0.2970, 0.5891 |
| Android (android.graphics.Color) | 4278231829 (0xFF00A315) |
| YUV | 98.0750, -37.9980, -86.0118 |
| Hunter-Lab | 51.2333, -43.5550, 29.9862 |

Details

The XYZ color **13.2326, 26.2485, 5.0785** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **19.9875, 9.7400, 26.4185**, and the grayscale version is **11.7302, 12.3411, 13.4395**.

A 20% lighter version of the original color is **31.2304, 53.5324, 16.4714**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.2331, 26.2495, 5.0788**, and if you desaturate by 10%, it is **13.6231, 26.4308, 5.9900**.

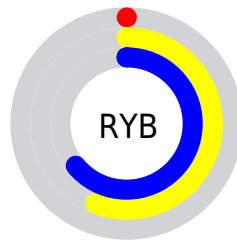
Distribution



Red (0%)

Green (64%)

Blue (8%)



Red (0%)

Yellow (56%)

Blue (64%)

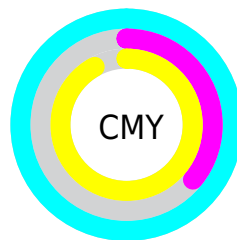


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (36%)



Cyan (100%)


Magenta (36%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2326, 26.2485, 5.0785 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 13.2326, 26.2485, 5.0785 by changing the saturation by 10% instead.


 13.2326, 26.2485,
5.0785


 13.2326, 26.2485,
5.0785


206.0106,
283.9998, 159.5493


 7.6670, 17.0096,
2.2338


 31.3188, 53.6756,
16.4293


 3.9326, 10.2414,
0.6938


 44.5701, 72.6326,
25.7725


 1.6641, 5.5593,
0.0000

 61.1141, 95.5977,
38.1190

 0.4336, 2.5790,
0.0000

 81.3160, 122.9554,
53.8873

 0.0000, 0.9161,
0.0000

 105.5413,
155.0901, 73.4959

 0.0000, 0.0000,
0.0000

 134.1552,

192.3861, 97.3634

167.5232,
235.2279, 125.9084

■ 13.2326, 26.2485,
5.0785

■ 13.2326, 26.2485,
5.0785

■ 13.2331, 26.2495,
5.0788

■ 13.6231, 26.4308,
5.9900

■ 14.2755, 26.7375,
7.3596

■ 15.2742, 27.2118,
9.2397

■ 16.6598, 27.8736,
11.6739

■ 18.4670, 28.7401,
14.7013

■ 20.7265, 29.8264,
18.3574

■ 23.4664, 31.1461,
22.6747

■ 26.7123, 32.7119,
27.6838

■ 30.4880, 34.5355,
33.4131

Harmonies

Analogous

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



19.5894, 26.2485, 1.6018



13.2326, 26.2485, 5.0785



10.4175, 26.2485, 18.1162

Triad

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



13.2326, 26.2485, 5.0785



20.9612, 26.2485, 124.0949



48.3685, 26.2485, 14.9865

Complementary

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



13.2326, 26.2485, 5.0785



19.9875, 9.7400, 26.4185

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.



49.0278, 26.2485, 42.4525



13.2326, 26.2485, 5.0785



31.2052, 26.2485, 120.9048

Square

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



13.2326, 26.2485, 5.0785



14.0028, 26.2485, 91.9624



42.0982, 26.2485, 84.9495



40.4846, 26.2485, 4.1044

Rectangle

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



13.2326, 26.2485, 5.0785



10.2488, 26.2485, 36.3512



42.0982, 26.2485, 84.9495



49.5057, 26.2485, 22.0039

Sweetspot

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



13.2332, 26.2496, 5.0791



41.7261, 55.6342, 40.1411



24.5970, 32.1235, 4.9043



8.9098, 12.2727, 8.2919



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.2332, 26.2496, 5.0791



23.6570, 46.9925, 8.8770



15.4233, 27.1256, 16.6122



7.0210, 7.9092, 7.7223



10.2942, 20.4040, 3.9998



0.2265, 0.4328, 0.1376

Inverse Universe

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



19.9875, 9.7400, 26.4185



35.7422, 17.4217, 47.0356



15.9879, 8.1402, 5.3567



7.3249, 7.1864, 8.6972



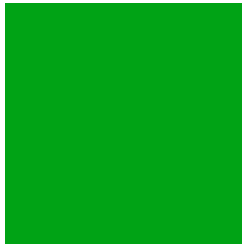
15.5450, 7.5741, 20.5926



0.3369, 0.1632, 0.4865

Previews

White Background



This preview shows how the XYZ color 13.2326, 26.2485, 5.0785 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2326, 26.2485, 5.0785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

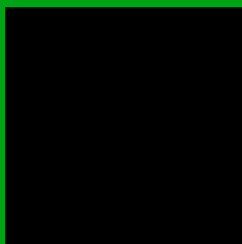
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

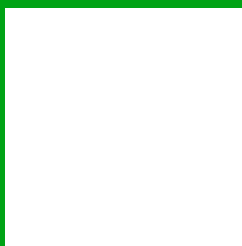
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2326, 26.2485, 5.0785

Background



This preview shows how black text looks on a background with the XYZ color 13.2326, 26.2485, 5.0785.



This preview shows how white text looks on a background with the XYZ color 13.2326, 26.2485,

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

13.2326, 26.2485, 5.0785

Protanopia

23.3554, 25.9533, 4.1593

Deuteranopia

26.3135, 25.7697, 5.5947



Tritanopia

20.3130, 26.3658, 39.1405

Trichromacy



Original Color

13.2326, 26.2485, 5.0785



Protanomaly

15.9390, 23.9265, 4.2684



Deuteranomaly

16.6525, 23.1342, 5.0265



Tritanomaly

15.8094, 25.4604, 19.4103

Monochromacy



Original Color

13.2326, 26.2485, 5.0785



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

10.0516, 15.3854, 8.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2326, 26.2485, 5.0785 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(0, 163, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 21)  
}
```

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(0, 163, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 21) }
```

Border

The CSS property to change the border of an element to XYZ 13.2326, 26.2485, 5.0785 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(0, 163, 21) }
```


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

```
.border{ border-color:rgb(0, 163, 21) }
```

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

Here you see how a box with a 4 pixel rgb(0, 163, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 21)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.2326, 26.2485, 5.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 21) }
```

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

```
.background{ background-color: rgb(0, 163,  
21) }
```

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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