

Converting Colors

XYZ(26.2312, 42.1610, 6.7554)

Have a look what the booklet for
XYZ(26.2312, 42.1610, 6.7554)
contains.

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Color

**XYZ(26.2312, 42.1610,
6.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	72C200
RGB	114, 194, 0
RGB Percent	45%, 76%, 0%
CMY	0.5529, 0.2392, 0.9999
CMYK	0.41, 0.00, 1.00, 0.24
HSL	85°, 100%, 38%
HSV	85°, 100%, 76%
XYZ	26.2312, 42.1610, 6.7554
YIQ	147.9640, 14.5940, -77.2940

Conversions

Conversions Part 2

Format	Color
RYB	0, 194, 80
Decimal	7520768
CIELab	70.98, -49.39, 70.79
CIELCh	71, 86.317, 124.901
Yxy	42.1610, 0.3491, 0.5610
Android (android.graphics.Color)	4285710848 (0xFF72C200)
YUV	147.9640, -72.9463, -29.7864
Hunter-Lab	64.9315, -41.5192, 39.2836

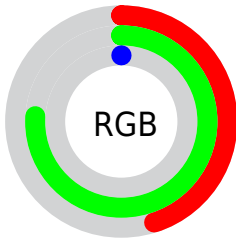
Details

The XYZ color **26.2312, 42.1610, 6.7554** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **13.0489, 5.6024, 51.4350**, and the grayscale version is **28.4259, 29.9063, 32.5679**.

A 20% lighter version of the original color is **52.9584, 78.3442, 19.9202**, and **10.8463, 19.5131, 3.1947** is the 20% darker color. If you saturate the color by 10%, you get **26.2308, 42.1622, 6.7556**, and if you desaturate by 10%, it is **27.4400, 42.7715, 7.4447**.

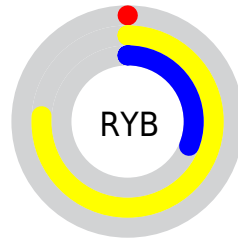
Distribution



Red (45%)

Green (76%)

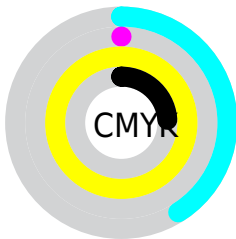
Blue (0%)



Red (0%)

Yellow (76%)

Blue (31%)

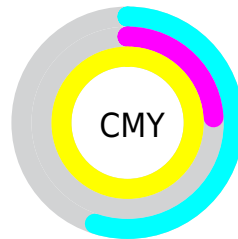


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2312, 42.1610, 6.7554 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 26.2312, 42.1610, 6.7554 by changing the saturation by 10% instead.

■ 26.2312, 42.1610,
6.7554

■ 26.2312, 42.1610,
6.7554

276.1511,
355.1499, 175.1686

■ 17.1303, 29.2274,
3.2335

■ 53.0763, 78.4432,
19.9838

■ 10.4233, 19.2529,
1.2151

■ 71.5513, 102.5606,
30.5275

■ 5.7449, 11.8532,
0.0000

■ 93.8816, 131.1748,
44.2487

■ 2.7298, 6.6438,
0.0000

■ 120.4326,
164.6700, 61.5662

■ 1.0125, 3.2403,
0.0000

■ 151.5697,
203.4307, 82.8983

■ 0.0000, 1.2585,
0.0000

■ 187.6583,

■ 0.0000, 0.1087,

247.8414, 108.6638

0.0000

229.0636,
298.2863, 139.2810

■ 0.0000, 0.0000,
0.0000

■ 26.2312, 42.1610,
6.7554

■ 26.2312, 42.1610,
6.7554

■ 26.2308, 42.1622,
6.7556

■ 27.4400, 42.7715,
7.4447

■ 28.8622, 43.4767,
8.7748

■ 30.5440, 44.2968,
10.9732

■ 32.5094, 45.2416,
14.1564

■ 34.7792, 46.3196,
18.4229

■ 37.3718, 47.5385,
23.8591

■ 40.3038, 48.9051,
30.5431

■ 43.5907, 50.4258,
38.5457

■ 47.2466, 52.1065,
47.9328

Harmonies

Analogous

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



37.7544, 42.1610, 3.5623



26.2312, 42.1610, 6.7554



19.8710, 42.1610, 19.8236

Triad

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



26.2312, 42.1610, 6.7554



29.4416, 42.1610, 161.6028



74.4585, 42.1610, 39.4617

Complementary

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



26.2312, 42.1610, 6.7554



13.0489, 5.6024, 51.4350

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.



70.7257, 42.1610, 88.4071



26.2312, 42.1610, 6.7554



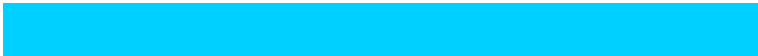
42.4842, 42.1610, 178.8309

Square

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



26.2312, 42.1610, 6.7554



21.3895, 42.1610, 107.8344



58.0864, 42.1610, 146.4327



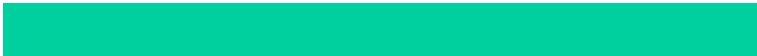
67.3282, 42.1610, 13.8491

Rectangle

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



26.2312, 42.1610, 6.7554



18.3433, 42.1610, 39.2153



58.0864, 42.1610, 146.4327



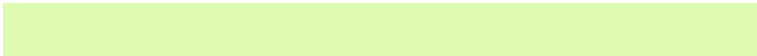
74.4459, 42.1610, 53.3178

Sweetspot

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



26.2322, 42.1628, 6.7563



72.7434, 88.4725, 54.6891



24.9465, 16.8642, 1.9409



15.4157, 19.1353, 10.7841



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.



26.2322, 42.1628, 6.7563



47.2245, 76.2305, 12.2250



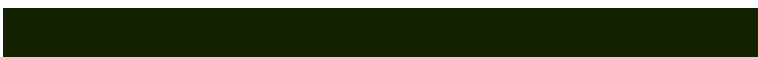
19.5697, 38.7282, 6.4445



10.4988, 11.5446, 10.7369



17.3402, 27.7680, 4.4458



0.8260, 1.2394, 0.1957

Inverse Universe

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



13.0489, 5.6024, 51.4350



23.3649, 10.0071, 93.1699



27.3292, 12.9642, 52.1033



9.9130, 9.9463, 12.6822



8.6664, 3.7281, 33.8194



0.4527, 0.2014, 1.4649

Previews

White Background



This preview shows how the XYZ color 26.2312, 42.1610, 6.7554 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 26.2312, 42.1610, 6.7554 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 26.2312, 42.1610, 6.7554

Background



This preview shows how black text looks on a background with the XYZ color 26.2312, 42.1610, 6.7554.



This preview shows how white text looks on a background with the XYZ color 26.2312, 42.1610,

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

26.2312, 42.1610, 6.7554

Protanopia

37.4492, 41.4892, 6.0344

Deuteranopia

42.5551, 41.6028, 7.7067



Tritanopia

36.3249, 41.8169, 57.7867

Trichromacy



Original Color

26.2312, 42.1610, 6.7554

Protanomaly

32.2498, 41.1547, 6.2439

Deuteranomaly

34.3278, 40.4334, 6.9149

Tritanomaly

29.8891, 40.7424, 25.3575

Monochromacy



Original Color

26.2312, 42.1610, 6.7554

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.6289, 32.9527, 15.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2312, 42.1610, 6.7554 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(114, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 194, 0)  
}
```

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(114, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 194, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2312, 42.1610, 6.7554 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(114, 194, 0) }
```


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

```
.border{ border-color:rgb(114, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 194,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2312, 42.1610, 6.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 194, 0) }
```

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

```
.background{ background-color: rgb(114,  
194, 0) }
```

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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