

Converting Colors

XYZ(28.0555, 42.4464, 6.7143)

Have a look what the booklet for
XYZ(28.0555, 42.4464, 6.7143)
contains.

XYZ(28.0556, 42.4451, 6.7140)	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(28.0556, 42.4451,
6.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	82C000
RGB	130, 192, 0
RGB Percent	51%, 75%, 0%
CMY	0.4902, 0.2470, 0.9999
CMYK	0.32, 0.00, 1.00, 0.25
HSL	79°, 100%, 38%
HSV	79°, 100%, 75%
XYZ	28.0556, 42.4451, 6.7140
YIQ	151.5740, 24.6800, -72.8560

Conversions

Conversions Part 2

Format	Color
RYB	0, 192, 62
Decimal	8568832
CIELab	71.18, -42.85, 71.29
CIELCh	71, 83.177, 121.008
Yxy	42.4451, 0.3633, 0.5497
Android (android.graphics.Color)	4286758912 (0xFF82C000)
YUV	151.5740, -74.7260, -18.9204
Hunter-Lab	65.1499, -37.1446, 39.4948

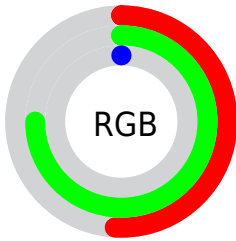
Details

The XYZ color **28.0556, 42.4451, 6.7140** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **11.5032, 4.8313, 50.1978**, and the grayscale version is **29.9676, 31.5282, 34.3342**.

A 20% lighter version of the original color is **56.0627, 79.0219, 19.8874**, and **11.7610, 19.5547, 3.1546** is the 20% darker color. If you saturate the color by 10%, you get **28.0555, 42.4464, 6.7143**, and if you desaturate by 10%, it is **29.1560, 43.0000, 7.3891**.

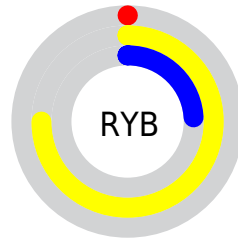
Distribution



Red (51%)

Green (75%)

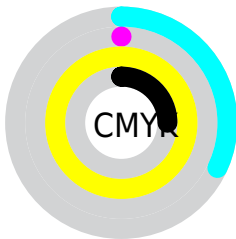
Blue (0%)



Red (0%)

Yellow (75%)

Blue (24%)

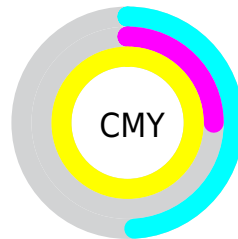


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (49%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0556, 42.4451, 6.7140 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 28.0556, 42.4451, 6.7140 by changing the saturation by 10% instead.

■ 28.0556, 42.4451,
6.7140

■ 28.0556, 42.4451,
6.7140

284.8078,
356.3247, 174.8054

■ 18.5082, 29.4500,
3.2082

■ 55.9812, 78.8728,
19.8985

■ 11.4174, 19.4215,
1.2019

■ 75.0902, 103.0742,
30.4142

■ 6.4177, 11.9752,
0.0000

■ 98.1171, 131.7798,
44.1036

■ 3.1437, 6.7268,
0.0000

■ 125.4273,
165.3740, 61.3853

■ 1.2302, 3.2918,
0.0000

■ 157.3860,
204.2412, 82.6778

■ 0.1300, 1.2859,
0.0000

■ 194.3588,

■ 0.0000, 0.1303,

248.7658, 108.3996

0.0000

236.7109,
299.3322, 138.9693

■ 0.0000, 0.0000,
0.0000

■ 28.0556, 42.4451,
6.7140

■ 28.0556, 42.4451,
6.7140

■ 28.0555, 42.4464,
6.7143

■ 29.1560, 43.0000,
7.3891

■ 30.4317, 43.6302,
8.6870

■ 31.9268, 44.3550,
10.8313

■ 33.6638, 45.1836,
13.9352

■ 35.6619, 46.1236,
18.0947

■ 37.9378, 47.1820,
23.3942

■ 40.5070, 48.3649,
29.9095

■ 43.3833, 49.6780,
37.7097

■ 46.5797, 51.1267,
46.8590

Harmonies

Analogous

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



39.8734, 42.4451, 4.1193



28.0556, 42.4451, 6.7140



21.1539, 42.4451, 18.1103

Triad

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



28.0556, 42.4451, 6.7140



28.7011, 42.4451, 151.0517



73.4947, 42.4451, 44.8791

Complementary

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



28.0556, 42.4451, 6.7140



11.5032, 4.8313, 50.1978

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.



68.6057, 42.4451, 94.2701



28.0556, 42.4451, 6.7140



40.8158, 42.4451, 173.2034

Square

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



28.0556, 42.4451, 6.7140



21.4618, 42.4451, 98.0797



55.7775, 42.4451, 148.0991



67.9366, 42.4451, 16.8872

Rectangle

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



28.0556, 42.4451, 6.7140



19.2454, 42.4451, 35.2307



55.7775, 42.4451, 148.0991



73.0108, 42.4451, 59.2749

Sweetspot

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



28.0566, 42.4470, 6.7149



73.1516, 87.5197, 53.5589



23.3983, 14.5248, 1.5709



15.2572, 18.5754, 10.3645



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.0566, 42.4470, 6.7149



50.5578, 76.7653, 12.1525



19.5512, 38.0623, 6.3169



10.5869, 11.5900, 10.7410



18.9617, 28.6039, 4.5217



0.8888, 1.2717, 0.1986

Inverse Universe

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



11.5032, 4.8313, 50.1978



20.6081, 8.6324, 90.9403



23.3821, 10.9551, 50.7538



9.8278, 9.9024, 12.6782



7.8124, 3.2879, 33.7795



0.4108, 0.1798, 1.4629

Previews

White Background



This preview shows how the XYZ color 28.0556, 42.4451, 6.7140 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 28.0556, 42.4451, 6.7140 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 28.0556, 42.4451, 6.7140

Background



This preview shows how black text looks on a background with the XYZ color 28.0556, 42.4451, 6.7140.



This preview shows how white text looks on a background with the XYZ color 28.0556, 42.4451,

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

28.0556, 42.4451, 6.7140

Protanopia

37.9010, 42.0079, 6.1107

Deuteranopia

43.0025, 42.1039, 7.6107



Tritanopia

37.9405, 42.0806, 56.5748

Trichromacy



Original Color

28.0556, 42.4451, 6.7140

Protanomaly

33.5371, 41.8184, 6.3042

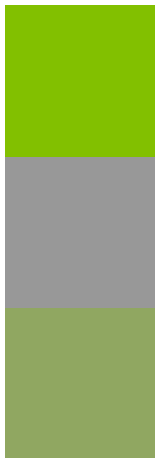
Deuteranomaly

35.9884, 41.2907, 6.9373

Tritanomaly

31.6640, 41.0478, 24.9930

Monochromacy



Original Color

28.0556, 42.4451, 6.7140

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.4780, 34.4298, 16.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0556, 42.4451, 6.7140 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(130, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 192, 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(130, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 192, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.0556, 42.4451, 6.7140 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(130, 192, 0) }
```


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

```
.border{ border-color:rgb(130, 192, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 192, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 192,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0556, 42.4451, 6.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 192, 0) }
```

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

```
.background{ background-color: rgb(130,  
192, 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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