

Converting Colors

XYZ(26.6496, 41.5288, 7.1893)

Have a look what the booklet for
XYZ(26.6496, 41.5288, 7.1893)
contains.

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Color

**XYZ(26.4857, 41.2983,
7.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	78BF12
RGB	120, 191, 18
RGB Percent	47%, 75%, 7%
CMY	0.5294, 0.2510, 0.9294
CMYK	0.37, 0.00, 0.91, 0.25
HSL	85°, 83%, 41%
HSV	85°, 91%, 75%
XYZ	26.4857, 41.2983, 7.1477
YIQ	150.0490, 13.2170, -68.8550

Conversions

Conversions Part 2

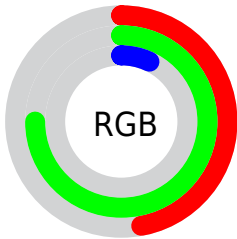
Format	Color
RYB	18, 191, 89
Decimal	7913234
CIELab	70.38, -45.76, 68.26
CIELCh	70, 82.180, 123.839
Yxy	41.2983, 0.3535, 0.5511
Android (android.graphics.Color)	4286103314 (0xFF78BF12)
YUV	150.0490, -65.1002, -26.3530
Hunter-Lab	64.2638, -38.8945, 38.3901

Details

The XYZ color **26.4857, 41.2983, 7.1477** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **13.7425, 6.3196, 49.7880**, and the grayscale version is **29.2757, 30.8003, 33.5415**.

A 20% lighter version of the original color is **53.6072, 77.2717, 20.8936**, and **10.9323, 18.9155, 3.0749** is the 20% darker color. If you saturate the color by 10%, you get **25.3911, 40.7480, 6.5269**, and if you desaturate by 10%, it is **27.8454, 41.9744, 8.3940**.

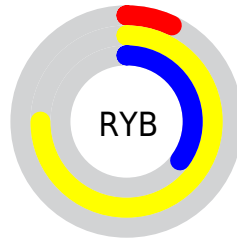
Distribution



Red (47%)

Green (75%)

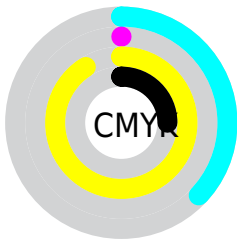
Blue (7%)



Red (7%)

Yellow (75%)

Blue (35%)

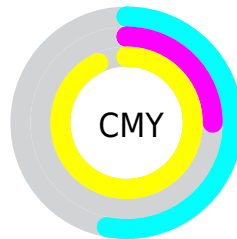


Cyan (37%)

Magenta (0%)

Yellow (91%)

Black (25%)



Cyan (53%)


Magenta (25%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4857, 41.2983, 7.1477 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 26.4857, 41.2983, 7.1477 by changing the saturation by 10% instead.


 26.4857, 41.2983,
7.1477


 26.4857, 41.2983,
7.1477


277.3715,
351.5658, 178.5626


 17.3219, 28.5522,
3.4748


 53.4832, 77.1365,
20.7876


 10.5610, 18.7424,
1.3419


 72.0477, 100.9975,
31.5918

 5.8376, 11.4843,
0.0958


 94.4764, 129.3322,
45.6100

 2.7863, 6.3936,
0.0000

 121.1347,
162.5250, 63.2610

 1.0418, 3.0858,
0.0000

 152.3880,
200.9604, 84.9632

 0.0000, 1.1767,
0.0000

 188.6017,

 0.0000, 0.0426,

245.0228, 111.1352

0.0000

230.1410,
295.0964, 142.1955

■ 0.0000, 0.0000,
0.0000

■ 26.4857, 41.2983,
7.1477

■ 26.4857, 41.2983,
7.1477

■ 25.3911, 40.7480,
6.5269

■ 27.8454, 41.9744,
8.3940

■ 29.4521, 42.7584,
10.4699

■ 31.3303, 43.6618,
13.4896

■ 33.5000, 44.6927,
17.5486

■ 35.9790, 45.8585,
22.7308

■ 38.7834, 47.1659,
29.1114

■ 41.9279, 48.6210,
36.7593

■ 45.4264, 50.2294,
45.7378

■ 49.2918, 51.9966,
56.1064

Harmonies

Analogous

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



37.5381, 41.2983, 4.0831



26.4857, 41.2983, 7.1477



20.2411, 41.2983, 19.4857

Triad

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



26.4857, 41.2983, 7.1477



28.8728, 41.2983, 150.3247



71.3143, 41.2983, 40.1648

Complementary

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



26.4857, 41.2983, 7.1477



13.7425, 6.3196, 49.7880

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.



67.5069, 41.2983, 86.4149



26.4857, 41.2983, 7.1477



41.0189, 41.2983, 167.6229

Square

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



26.4857, 41.2983, 7.1477



21.3809, 41.2983, 100.4567



55.5775, 41.2983, 139.4549



65.0396, 41.2983, 14.9486

Rectangle

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



26.4857, 41.2983, 7.1477



18.6681, 41.2983, 37.4424



55.5775, 41.2983, 139.4549



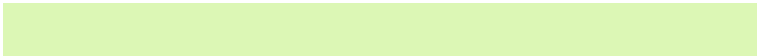
71.1778, 41.2983, 53.4373

Sweetspot

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



26.4867, 41.3001, 7.1486



71.1603, 85.2602, 56.1890



25.0214, 17.9710, 2.7229



15.2157, 18.5319, 11.3623



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.



26.4867, 41.3001, 7.1486



45.1908, 72.8307, 11.6759



19.4448, 37.6699, 6.8190



9.9333, 10.9200, 10.1609



16.7791, 26.8258, 4.2936



0.7298, 1.0882, 0.1716

Inverse Universe

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



13.7425, 6.3196, 49.7880



22.2685, 9.5342, 88.9457



27.0108, 13.1597, 50.4089



9.3774, 9.4114, 11.9946



8.3530, 3.5922, 32.6460



0.4016, 0.1791, 1.2823

Previews

White Background



This preview shows how the XYZ color 26.4857, 41.2983, 7.1477 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 26.4857, 41.2983, 7.1477 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 26.4857, 41.2983, 7.1477

Background



This preview shows how black text looks on a background with the XYZ color 26.4857, 41.2983, 7.1477.



This preview shows how white text looks on a background with the XYZ color 26.4857, 41.2983,

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

26.4857, 41.2983, 7.1477

Protanopia

36.7832, 40.8578, 6.1487

Deuteranopia

41.3449, 40.4478, 7.7259



Tritanopia

36.2500, 41.2220, 55.9152

Trichromacy



Original Color

26.4857, 41.2983, 7.1477

Protanomaly

31.9064, 40.3714, 6.4274

Deuteranomaly

34.0405, 39.7002, 7.3076

Tritanomaly

30.5688, 40.4385, 26.9631

Monochromacy



Original Color

26.4857, 41.2983, 7.1477

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

26.5009, 33.3585, 17.6125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4857, 41.2983, 7.1477 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(120, 191, 18)` looks like.

```
.text, #text, p{  
    color:rgb(120, 191, 18)  
}
```

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(120, 191, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 191, 18) }
```

Border

The CSS property to change the border of an element to XYZ 26.4857, 41.2983, 7.1477 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(120, 191, 18) }
```


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

```
.border{ border-color:rgb(120, 191, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 191, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 191, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 191, 18);  
box-shadow:4px 4px 4px 4px rgb(120, 191,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4857, 41.2983, 7.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 191, 18) }
```

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

```
.background{ background-color: rgb(120,  
191, 18) }
```

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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