

Converting Colors

XYZ(26.9936, 42.7538, 27.9487)

Have a look what the booklet for
XYZ(26.9936, 42.7538, 27.9487)
contains.

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Color

**XYZ(26.9936, 42.7538,
27.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC482
RGB	79, 196, 130
RGB Percent	31%, 77%, 51%
CMY	0.6902, 0.2314, 0.4902
CMYK	0.60, 0.00, 0.34, 0.23
HSL	146°, 50%, 54%
HSV	146°, 60%, 77%
XYZ	26.9936, 42.7538, 27.9487
YIQ	153.4930, -48.5460, -45.3300

Conversions

Conversions Part 2

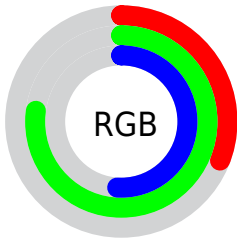
Format	Color
RYB	79, 160, 196
Decimal	5227650
CIELab	71.39, -48.01, 23.56
CIELCh	71, 53.483, 153.860
Yxy	42.7538, 0.2763, 0.4376
Android (android.graphics.Color)	4283417730 (0xFF4FC482)
YUV	153.4930, -11.5820, -65.3304
Hunter-Lab	65.3864, -40.7357, 20.4276

Details

The XYZ color **26.9936, 42.7538, 27.9487** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **30.6731, 19.3729, 28.9121**, and the grayscale version is **30.5583, 32.1497, 35.0110**.

A 20% lighter version of the original color is **54.1538, 79.0727, 57.2081**, and **10.9728, 19.6289, 10.7999** is the 20% darker color. If you saturate the color by 10%, you get **24.8947, 41.7542, 24.1828**, and if you desaturate by 10%, it is **29.6550, 44.0366, 32.1591**.

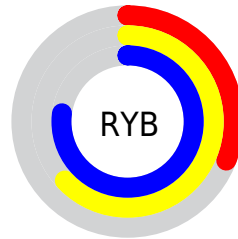
Distribution



Red (31%)

Green (77%)

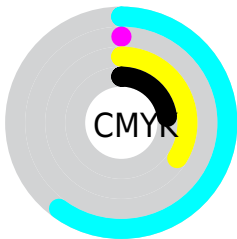
Blue (51%)



Red (31%)

Yellow (63%)

Blue (77%)

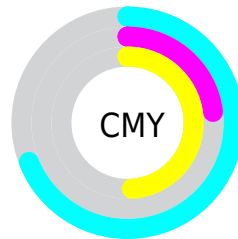


Cyan (60%)

Magenta (0%)

Yellow (34%)

Black (23%)



Cyan (69%)


Magenta (23%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9936, 42.7538, 27.9487 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 26.9936, 42.7538, 27.9487 by changing the saturation by 10% instead.


 26.9936, 42.7538,
27.9487


 26.9936, 42.7538,
27.9487


279.7942,
357.5983, 306.1259


 17.7050, 29.6920,
18.0483


 54.2936, 79.3392,
57.4246


 10.8368, 19.6049,
10.8149


 73.0356, 103.6316,
77.8373

 6.0237, 12.1082,
5.8299


 95.6595, 132.4363,
102.5910

 2.9003, 6.8174,
2.6748

 122.5306,
166.1377, 132.1045

 1.1012, 3.3482,
0.9307

154.0143,
205.1202, 166.7961

 0.0262, 1.3161,
0.0000

190.4759,

 0.0000, 0.1536,

249.7682, 207.0846

0.0000

232.2807,
300.4661, 253.3883

■ 0.0000, 0.0000,
0.0000

■ 26.9936, 42.7538,
27.9487

■ 26.9936, 42.7538,
27.9487

■ 24.8947, 41.7542,
24.1828

■ 29.6550, 44.0366,
32.1591

■ 23.3089, 41.0089,
20.8433

■ 32.9164, 45.6180,
36.8256

■ 22.1831, 40.4922,
17.9148

■ 36.8156, 47.5184,
41.9628

■ 21.4189, 40.1536,
15.3782

■ 41.3865, 49.7551,
47.5838

■ 21.3978, 40.1443,
15.3064

■ 46.6601, 52.3438,
53.7012

■ 52.6659, 55.2995,
60.3271

■ 59.4313, 58.6360,
67.4730

■ 66.9825, 62.3667,
75.1503

■ 75.1952, 66.4272,
83.3628

Harmonies

Analogous

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



31.7348, 42.7538, 16.3279



26.9936, 42.7538, 27.9487



25.6970, 42.7538, 49.9691

Triad

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



26.9936, 42.7538, 27.9487



41.8126, 42.7538, 115.5979



56.7716, 42.7538, 24.0337

Complementary

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



26.9936, 42.7538, 27.9487



30.6731, 19.3729, 28.9121

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.



60.4687, 42.7538, 43.2936



26.9936, 42.7538, 27.9487



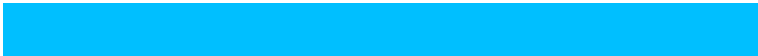
51.0636, 42.7538, 101.0442

Square

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



26.9936, 42.7538, 27.9487



33.4772, 42.7538, 106.7425



58.2402, 42.7538, 71.9858



48.7493, 42.7538, 14.7238

Rectangle

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



26.9936, 42.7538, 27.9487



26.7726, 42.7538, 69.6212



58.2402, 42.7538, 71.9858



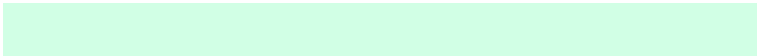
58.6111, 42.7538, 29.2406

Sweetspot

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



26.9947, 42.7555, 27.9497



76.2407, 90.7531, 87.7062



32.8825, 46.0933, 14.5613



15.7557, 19.1490, 18.1008



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.



26.9947, 42.7555, 27.9497



44.0089, 75.1231, 41.6423



32.0644, 44.7834, 54.6461



10.1227, 11.3301, 11.6493



13.7901, 25.8101, 10.0537



0.6304, 1.1290, 0.6163

Inverse Universe

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



30.6731, 19.3729, 28.9121



51.2537, 28.9115, 43.4211



27.2742, 18.0133, 11.0139



10.3058, 10.1709, 11.7009



16.4996, 8.2896, 10.5431



0.7470, 0.3718, 0.6351

Previews

White Background



This preview shows how the XYZ color 26.9936, 42.7538, 27.9487 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 26.9936, 42.7538, 27.9487 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

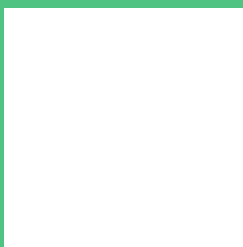
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9936, 42.7538, 27.9487

Background



This preview shows how black text looks on a background with the XYZ color 26.9936, 42.7538, 27.9487.

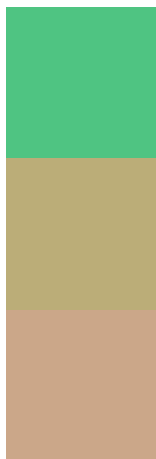


This preview shows how white text looks on a background with the XYZ color 26.9936, 42.7538,

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

26.9936, 42.7538, 27.9487

Protanopia

38.8273, 41.8080, 23.7926

Deuteranopia

42.9627, 42.1401, 29.5364



Tritanopia

33.7978, 42.5716, 62.3129

Trichromacy



Original Color

26.9936, 42.7538, 27.9487



Protanomaly

32.3747, 40.7989, 25.2374



Deuteranomaly

34.3240, 40.8311, 28.6264



Tritanomaly

30.7641, 42.2887, 47.6154

Monochromacy



Original Color

26.9936, 42.7538, 27.9487



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.9030, 34.8559, 32.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9936, 42.7538, 27.9487 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(79, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 196, 130)  
}
```

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(79, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 196, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.9936, 42.7538, 27.9487 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(79, 196, 130) }
```


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

```
.border{ border-color:rgb(79, 196, 130) }
```

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

Here you see how a box with a 4 pixel rgb(79, 196, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 196,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9936, 42.7538, 27.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 196, 130) }
```

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

```
.background{ background-color: rgb(79, 196,  
130) }
```

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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