

Converting Colors

XYZ(26.7576, 43.5558, 21.6042)

Have a look what the booklet for
XYZ(26.7576, 43.5558, 21.6042)
contains.

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Color

**XYZ(26.7007, 43.4236,
21.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	55C66D
RGB	85, 198, 109
RGB Percent	33%, 78%, 43%
CMY	0.6667, 0.2235, 0.5725
CMYK	0.57, 0.00, 0.45, 0.22
HSL	133°, 50%, 55%
HSV	133°, 57%, 78%
XYZ	26.7007, 43.4236, 21.4423
YIQ	154.0670, -38.7790, -51.6350

Conversions

Conversions Part 2

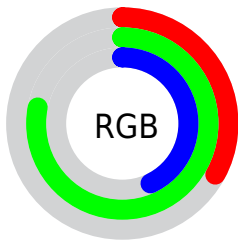
Format	Color
RYB	85, 178, 198
Decimal	5621357
CIELab	71.84, -51.16, 35.09
CIELCh	72, 62.041, 145.554
Yxy	43.4236, 0.2916, 0.4742
Android (android.graphics.Color)	4283811437 (0xFF55C66D)
YUV	154.0670, -22.2180, -60.5718
Hunter-Lab	65.8966, -42.9924, 26.8350

Details

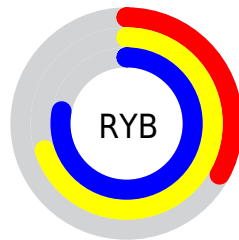
The XYZ color **26.7007, 43.4236, 21.4423** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **34.1785, 21.5595, 42.4056**, and the grayscale version is **30.8522, 32.4589, 35.3477**.

A 20% lighter version of the original color is **53.6093, 79.9683, 46.7923**, and **10.6619, 19.9865, 7.4335** is the 20% darker color. If you saturate the color by 10%, you get **24.3821, 42.3181, 17.3340**, and if you desaturate by 10%, it is **29.6733, 44.8515, 26.3607**.

Distribution



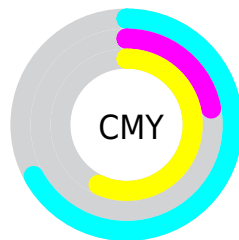
- Red (33%)
- Green (78%)
- Blue (43%)



- Red (33%)
- Yellow (70%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7007, 43.4236, 21.4423 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 26.7007, 43.4236, 21.4423 by changing the saturation by 10% instead.

■ 26.7007, 43.4236,
21.4423

■ 26.7007, 43.4236,
21.4423

278.3991,
360.3509, 272.4777

■ 17.4840, 30.2176,
13.2533

■ 53.8265, 80.3497,
46.7128

■ 10.6776, 20.0038,
7.4704

■ 72.4663, 104.8386,
64.6314

■ 5.9162, 12.3978,
3.6751

■ 94.9778, 133.8573,
86.6302

■ 2.8343, 7.0152,
1.4489

■ 121.7265,
167.7901, 113.1279

■ 1.0668, 3.4716,
0.1794

153.0776,
207.0215, 144.5430

■ 0.0000, 1.3826,
0.0000

189.3964,

■ 0.0000, 0.2039,

251.9358, 181.2939

0.0000

231.0485,
302.9175, 223.7993

■ 0.0000, 0.0000,
0.0000

■ 26.7007, 43.4236,
21.4423

■ 26.7007, 43.4236,
21.4423

■ 24.3821, 42.3181,
17.3340

■ 29.6733, 44.8515,
26.3607

■ 22.6633, 41.5043,
13.9892

■ 33.3422, 46.6191,
32.1263

■ 21.4863, 40.9545,
11.3614

■ 37.7496, 48.7485,
38.7778

■ 20.7730, 40.6295,
9.3970

■ 42.9338, 51.2588,
46.3502

■ 20.6138, 40.5574,
8.9376

■ 48.9299, 54.1674,
54.8771

■ 55.7714, 57.4909,
64.3899

■ 63.4894, 61.2446,
74.9190

■ 72.1137, 65.4433,
86.4932

■ 78.5894, 68.5117,
98.9959

Harmonies

Analogous

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



33.1251, 43.4236, 11.8467



26.7007, 43.4236, 21.4423



24.1699, 43.4236, 42.9183

Triad

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



26.7007, 43.4236, 21.4423



39.7200, 43.4236, 132.0906



62.4158, 43.4236, 26.3848

Complementary

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



26.7007, 43.4236, 21.4423



34.1785, 21.5595, 42.4056

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.



64.9846, 43.4236, 51.9295



26.7007, 43.4236, 21.4423



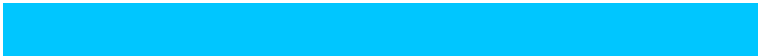
50.6577, 43.4236, 121.4613

Square

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



26.7007, 43.4236, 21.4423



30.8279, 43.4236, 113.2073



60.3666, 43.4236, 88.3497



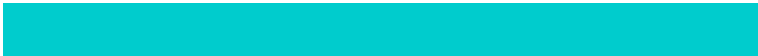
53.8450, 43.4236, 13.7285

Rectangle

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



26.7007, 43.4236, 21.4423



24.6504, 43.4236, 64.6357



60.3666, 43.4236, 88.3497



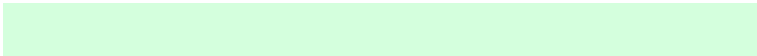
64.0660, 43.4236, 33.3490

Sweetspot

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



26.7018, 43.4254, 21.4433



75.8427, 90.6779, 81.8123



39.6045, 50.2065, 16.1980



15.8094, 19.2033, 16.8983



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.



26.7018, 43.4254, 21.4433



42.5006, 74.6142, 29.4356



30.6515, 45.0053, 42.2421



10.5881, 11.9241, 11.7813



13.4311, 26.3848, 5.9489



0.6634, 1.2603, 0.4260

Inverse Universe

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



34.1785, 21.5595, 42.4056



56.9044, 32.3053, 69.6831



29.8621, 19.8330, 19.6761



10.9829, 10.7765, 12.8932



19.0770, 9.3804, 21.4130



0.9281, 0.4541, 1.1447

Previews

White Background



This preview shows how the XYZ color 26.7007, 43.4236, 21.4423 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 26.7007, 43.4236, 21.4423 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 26.7007, 43.4236, 21.4423

Background



This preview shows how black text looks on a background with the XYZ color 26.7007, 43.4236, 21.4423.



This preview shows how white text looks on a background with the XYZ color 26.7007, 43.4236,

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

26.7007, 43.4236, 21.4423

Protanopia

39.3685, 42.7865, 18.2403

Deuteranopia

43.5494, 42.6000, 22.4503



Tritanopia

34.7377, 43.0561, 62.3569

Trichromacy



Original Color

26.7007, 43.4236, 21.4423



Protanomaly

32.5185, 41.6185, 19.1512



Deuteranomaly

34.4181, 41.0324, 21.7288



Tritanomaly

30.9542, 42.7981, 43.6752

Monochromacy



Original Color

26.7007, 43.4236, 21.4423



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.0154, 35.2516, 29.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7007, 43.4236, 21.4423 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(85, 198, 109)` looks like.

```
.text, #text, p{  
    color:rgb(85, 198, 109)  
}
```

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(85, 198, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 198, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.7007, 43.4236, 21.4423 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(85, 198, 109) }
```


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

```
.border{ border-color:rgb(85, 198, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 198, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 198, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 198, 109);  
box-shadow:4px 4px 4px 4px rgb(85, 198,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7007, 43.4236, 21.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 198, 109) }
```

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

```
.background{ background-color: rgb(85, 198,  
109) }
```

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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