

Converting Colors

XYZ(26.0997, 41.9547, 21.4498)

Have a look what the booklet for
XYZ(26.0997, 41.9547, 21.4498)
contains.

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Color

**XYZ(26.1673, 42.1344,
21.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	56C36E
RGB	86, 195, 110
RGB Percent	34%, 76%, 43%
CMY	0.6627, 0.2353, 0.5686
CMYK	0.56, 0.00, 0.44, 0.24
HSL	133°, 48%, 55%
HSV	133°, 56%, 76%
XYZ	26.1673, 42.1344, 21.5054
YIQ	152.7190, -37.6790, -49.5430

Conversions

Conversions Part 2

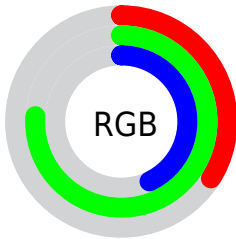
Format	Color
RYB	86, 175, 195
Decimal	5686126
CIELab	70.96, -49.57, 33.46
CIElCh	71, 59.811, 145.979
Yxy	42.1344, 0.2914, 0.4692
Android (android.graphics.Color)	4283876206 (0xFF56C36E)
YUV	152.7190, -21.0605, -58.5126
Hunter-Lab	64.9110, -41.6363, 25.7946

Details

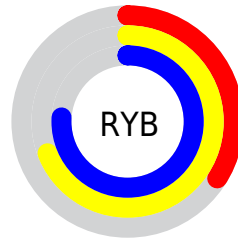
The XYZ color **26.1673, 42.1344, 21.5054** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **33.1854, 21.1987, 40.8721**, and the grayscale version is **30.2573, 31.8330, 34.6662**.

A 20% lighter version of the original color is **52.9229, 78.1944, 46.9540**, and **10.3453, 19.1606, 7.4281** is the 20% darker color. If you saturate the color by 10%, you get **23.8528, 41.0300, 17.4402**, and if you desaturate by 10%, it is **29.1157, 43.5515, 26.3438**.

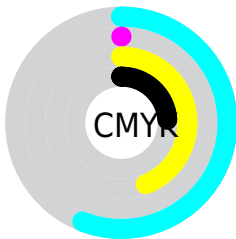
Distribution



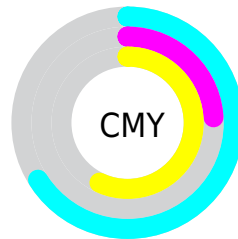
- Red (34%)
- Green (76%)
- Blue (43%)



- Red (34%)
- Yellow (69%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1673, 42.1344, 21.5054 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 26.1673, 42.1344, 21.5054 by changing the saturation by 10% instead.

■ 26.1673, 42.1344,
21.5054

■ 26.1673, 42.1344,
21.5054

275.8440,
355.0398, 272.8211

■ 17.0822, 29.2065,
13.2991

■ 52.9741, 78.4030,
46.8188

■ 10.3888, 19.2371,
7.5017

■ 71.4265, 102.5125,
64.7630

■ 5.7217, 11.8417,
3.6946

■ 93.7320, 131.1181,
86.7903

■ 2.7157, 6.6360,
1.4594

■ 120.2560,
164.6040, 113.3191

■ 1.0052, 3.2355,
0.1874

151.3639,
203.3548, 144.7680

■ 0.0000, 1.2559,
0.0000

187.4209,

■ 0.0000, 0.1067,

247.7547, 181.5557

0.0000

228.7925,
298.1882, 224.1005

■ 0.0000, 0.0000,
0.0000

■ 26.1673, 42.1344,
21.5054

■ 26.1673, 42.1344,
21.5054

■ 23.8528, 41.0300,
17.4402

■ 29.1157, 43.5515,
26.3438

■ 22.1210, 40.2093,
14.1053

■ 32.7380, 45.2977,
31.9897

■ 20.9176, 39.6462,
11.4578

■ 37.0742, 47.3939,
38.4789

■ 20.1741, 39.3067,
9.4489

■ 42.1606, 49.8583,
45.8440

■ 19.9508, 39.2058,
8.7954

■ 48.0309, 52.7076,
54.1161

■ 54.7165, 55.9572,
63.3246

■ 62.2474, 59.6222,
73.4976

■ 70.6518, 63.7164,
84.6621

■ 77.5231, 66.9987,
96.7300

Harmonies

Analogous

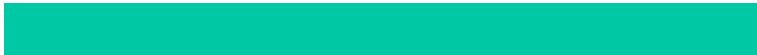
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.2234, 42.1344, 12.1057



26.1673, 42.1344, 21.5054



23.8068, 42.1344, 42.1340

Triad

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



26.1673, 42.1344, 21.5054



38.7182, 42.1344, 125.3276



59.8707, 42.1344, 25.7854

Complementary

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



26.1673, 42.1344, 21.5054



33.1854, 21.1987, 40.8721

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.



62.3757, 42.1344, 49.8358



26.1673, 42.1344, 21.5054



49.0454, 42.1344, 115.0455

Square

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



26.1673, 42.1344, 21.5054



30.2509, 42.1344, 108.0847



58.1303, 42.1344, 83.9604



51.7592, 42.1344, 13.7596

Rectangle

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



26.1673, 42.1344, 21.5054



24.3005, 42.1344, 62.7113



58.1303, 42.1344, 83.9604



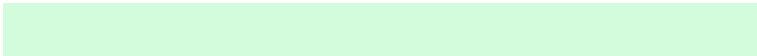
61.4486, 42.1344, 32.3625

Sweetspot

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



26.1684, 42.1361, 21.5064



74.1816, 88.6506, 80.2077



38.0746, 48.4051, 16.1407



15.8199, 19.2075, 16.9537



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.



26.1684, 42.1361, 21.5064



41.9702, 73.1263, 29.8480



30.0654, 43.6950, 42.0280



10.0332, 11.2943, 11.1782



12.9927, 25.4912, 5.8548



0.5880, 1.1121, 0.3933

Inverse Universe

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



33.1854, 21.1987, 40.8721



55.7173, 31.9303, 67.6561



29.0386, 19.5400, 19.0353



10.3993, 10.2083, 12.1932



18.3469, 9.0285, 20.2706



0.8168, 0.3997, 1.0027

Previews

White Background



This preview shows how the XYZ color 26.1673, 42.1344, 21.5054 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 26.1673, 42.1344, 21.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

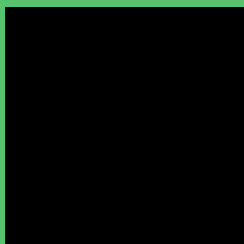
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1673, 42.1344, 21.5054

Background



This preview shows how black text looks on a background with the XYZ color 26.1673, 42.1344, 21.5054.



This preview shows how white text looks on a background with the XYZ color 26.1673, 42.1344,

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

26.1673, 42.1344, 21.5054

Protanopia

38.3281, 41.6653, 18.5925

Deuteranopia

42.1196, 41.3164, 22.5845



Tritanopia

34.0810, 42.1193, 60.9772

Trichromacy



Original Color

26.1673, 42.1344, 21.5054



Protanomaly

32.0226, 40.7431, 19.5410



Deuteranomaly

33.4629, 39.9470, 21.8664



Tritanomaly

30.5395, 41.9519, 43.0471

Monochromacy



Original Color

26.1673, 42.1344, 21.5054



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.5712, 34.4785, 28.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1673, 42.1344, 21.5054 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(86, 195, 110)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 110)  
}
```

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(86, 195, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.1673, 42.1344, 21.5054 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(86, 195, 110) }
```


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

```
.border{ border-color:rgb(86, 195, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 110);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1673, 42.1344, 21.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 110) }
```

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

```
.background{ background-color: rgb(86, 195,  
110) }
```

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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