

Converting Colors

XYZ(21.0154, 26.4145, 8.3664)

Have a look what the booklet for
XYZ(21.0154, 26.4145, 8.3664)
contains.

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Color

**XYZ(21.1051, 26.5033,
8.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	85943D
RGB	133, 148, 61
RGB Percent	52%, 58%, 24%
CMY	0.4784, 0.4196, 0.7608
CMYK	0.10, 0.00, 0.59, 0.42
HSL	70°, 42%, 41%
HSV	70°, 59%, 58%
XYZ	21.1051, 26.5033, 8.4182
YIQ	133.5970, 18.9870, -30.2370

Conversions

Conversions Part 2

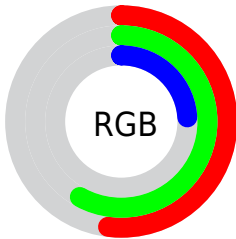
Format	Color
RYB	61, 148, 76
Decimal	8754237
CIELab	58.51, -18.40, 43.27
CIElCh	59, 47.015, 113.035
Yxy	26.5033, 0.3767, 0.4730
Android (android.graphics.Color)	4286944317 (0xFF85943D)
YUV	133.5970, -35.7903, -0.5236
Hunter-Lab	51.4814, -16.9152, 26.3419

Details

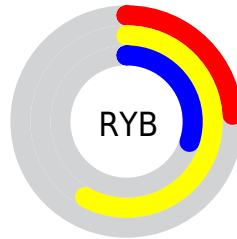
The XYZ color **21.1051, 26.5033, 8.4182** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.9955, 7.0128, 28.8454**, and the grayscale version is **22.6349, 23.8137, 25.9331**.

A 20% lighter version of the original color is **44.7842, 54.1023, 23.4116**, and **7.7009, 10.3119, 1.7568** is the 20% darker color. If you saturate the color by 10%, you get **20.3624, 26.1612, 6.5821**, and if you desaturate by 10%, it is **21.9690, 26.8969, 10.8354**.

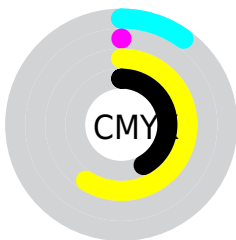
Distribution



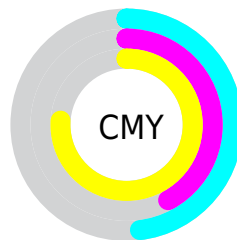
- Red (52%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1051, 26.5033, 8.4182 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 21.1051, 26.5033, 8.4182 by changing the saturation by 10% instead.

■ 21.1051, 26.5033,
8.4182

■ 21.1051, 26.5033,
8.4182

250.5577,
285.2441, 189.0317

■ 13.3137, 17.2005,
4.2721

■ 44.7523, 54.0858,
23.3339

■ 7.7234, 10.3776,
1.7758

■ 61.3389, 73.1343,
34.9405

■ 3.9688, 5.6500,
0.4119

■ 81.5880, 96.2002,
49.8711

■ 1.6845, 2.6335,
0.0000

■ 105.8649,
123.6679, 68.5441

■ 0.4465, 0.9435,
0.0000

■ 134.5349,
155.9217, 91.3781

■ 0.0000, 0.0000,
0.0000

■ 167.9635,

193.3461, 118.7917

206.5160,
236.3254, 151.2034

■ 21.1051, 26.5033,
8.4182

■ 21.1051, 26.5033,
8.4182

■ 20.3624, 26.1612,
6.5821

■ 21.9690, 26.8969,
10.8354

■ 19.7295, 25.8631,
5.2765

■ 22.9603, 27.3417,
13.8754

■ 19.1961, 25.6061,
4.4448

■ 24.0874, 27.8420,
17.5782

■ 18.7388, 25.3805,
3.9630

■ 25.3571, 28.4004,
21.9797

■ 18.6846, 25.3537,
3.9090

■ 26.7758, 29.0196,
27.1135

■ 28.3495, 29.7020,
33.0108

■ 30.0840, 30.4499,
39.7011

■ 31.9845, 31.2653,
47.2124

■ 34.0561, 32.1504,
55.5711

Harmonies

Analogous

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



26.5561, 26.5033, 7.4496



21.1051, 26.5033, 8.4182



17.3450, 26.5033, 13.6909

Triad

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



21.1051, 26.5033, 8.4182



19.1067, 26.5033, 62.2957



37.8445, 26.5033, 32.8727

Complementary

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



21.1051, 26.5033, 8.4182



9.9955, 7.0128, 28.8454

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.



35.1038, 26.5033, 52.4096



21.1051, 26.5033, 8.4182



23.8727, 26.5033, 73.1141

Square

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



21.1051, 26.5033, 8.4182



16.3199, 26.5033, 43.1146



29.7720, 26.5033, 68.9361



36.8043, 26.5033, 18.1510

Rectangle

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



21.1051, 26.5033, 8.4182



16.0217, 26.5033, 20.5649



29.7720, 26.5033, 68.9361



37.3225, 26.5033, 39.1247

Sweetspot

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



21.1057, 26.5045, 8.4188



44.8395, 50.1524, 39.1371



15.6061, 11.7339, 5.8576



10.0923, 11.3858, 8.4273



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.1057, 26.5045, 8.4188



35.4989, 45.9575, 10.6725



15.6496, 23.6918, 8.1634



6.1683, 6.6946, 6.2075



15.9788, 21.6652, 3.3396



0.2164, 0.2759, 0.0418

Inverse Universe

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



9.9955, 7.0128, 28.8454



14.0343, 8.2063, 50.2789



14.6227, 9.3982, 29.0619



5.5872, 5.6782, 7.2713



4.9365, 2.0174, 24.0603



0.0779, 0.0337, 0.2953

Previews

White Background



This preview shows how the XYZ color 21.1051, 26.5033, 8.4182 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1051, 26.5033, 8.4182 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 × Fail

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

XYZ 21.1051, 26.5033, 8.4182

Background



This preview shows how black text looks on a background with the XYZ color 21.1051, 26.5033, 8.4182.



This preview shows how white text looks on a background with the XYZ color 21.1051, 26.5033,

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

21.1051, 26.5033, 8.4182

Protanopia

24.0246, 26.4334, 7.9736

Deuteranopia

26.9348, 26.4305, 8.6830



Tritanopia

26.0653, 26.5069, 32.5967

Trichromacy



Original Color

21.1051, 26.5033, 8.4182

Protanomaly

23.0016, 26.5687, 8.1909

Deuteranomaly

24.4561, 26.2063, 8.6198

Tritanomaly

23.5905, 26.1430, 20.9423

Monochromacy



Original Color

21.1051, 26.5033, 8.4182

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7180, 24.5951, 17.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1051, 26.5033, 8.4182 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(133, 148, 61)` looks like.

```
.text, #text, p{  
    color:rgb(133, 148, 61)  
}
```

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(133, 148, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 148, 61) }
```

Border

The CSS property to change the border of an element to XYZ 21.1051, 26.5033, 8.4182 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(133, 148, 61) }
```


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

```
.border{ border-color:rgb(133, 148, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 148, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 148, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 148, 61);  
box-shadow:4px 4px 4px 4px rgb(133, 148,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1051, 26.5033, 8.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 148, 61) }
```

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

```
.background{ background-color: rgb(133,  
148, 61) }
```

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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