

Converting Colors

XYZ(26.2246, 32.7097, 21.1050)

Have a look what the booklet for
XYZ(26.2246, 32.7097, 21.1050)
contains.

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Color

**XYZ(26.1834, 32.5831,
21.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	87A373
RGB	135, 163, 115
RGB Percent	53%, 64%, 45%
CMY	0.4706, 0.3608, 0.5490
CMYK	0.17, 0.00, 0.29, 0.36
HSL	95°, 21%, 55%
HSV	95°, 29%, 64%
XYZ	26.1834, 32.5831, 21.1288
YIQ	149.1560, -1.2800, -20.8640

Conversions

Conversions Part 2

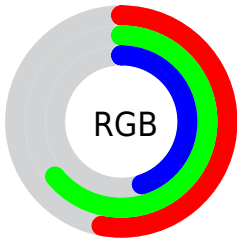
Format	Color
RYB	115, 163, 143
Decimal	8889203
CIELab	63.82, -18.72, 21.83
CIElCh	64, 28.763, 130.614
Yxy	32.5831, 0.3277, 0.4078
Android (android.graphics.Color)	4287079283 (0xFF87A373)
YUV	149.1560, -16.8389, -12.4148
Hunter-Lab	57.0816, -18.0147, 18.0109

Details

The XYZ color **26.1834, 32.5831, 21.1288** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0706, 20.7464, 37.3879**, and the grayscale version is **28.7025, 30.1973, 32.8849**.

A 20% lighter version of the original color is **53.0327, 63.7516, 46.0694**, and **10.3240, 13.6470, 7.2443** is the 20% darker color. If you saturate the color by 10%, you get **23.8651, 31.4879, 16.5496**, and if you desaturate by 10%, it is **28.8060, 33.8179, 26.5895**.

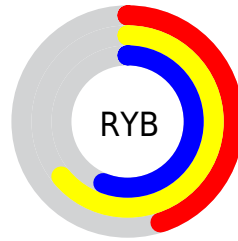
Distribution



Red (53%)

Green (64%)

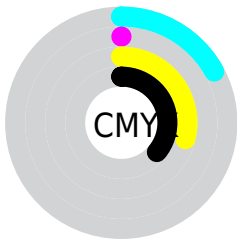
Blue (45%)



Red (45%)

Yellow (64%)

Blue (56%)

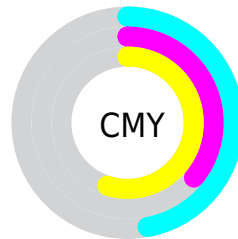


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1834, 32.5831, 21.1288 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 26.1834, 32.5831, 21.1288 by changing the saturation by 10% instead.

■ 26.1834, 32.5831,
21.1288

■ 26.1834, 32.5831,
21.1288

275.9214,
313.7670, 270.7657

■ 17.0943, 21.8073,
13.0260

■ 52.9999, 63.7241,
46.1854

■ 10.3975, 13.7153,
7.3155

■ 71.4579, 84.8580,
63.9762

■ 5.7276, 7.9230,
3.5788

■ 93.7697, 110.2135,
85.8335

■ 2.7192, 4.0457,
1.3972

120.3005,
140.1748, 112.1758

■ 1.0071, 1.6992,
0.1396

151.4157,
175.1264, 143.4217

■ 0.0000, 0.4231,
0.0000

187.4807,

■ 0.0000, 0.0000,

215.4527, 179.9896

0.0000

228.8608,
261.5381, 222.2981

■ 26.1834, 32.5831,
21.1288

■ 26.1834, 32.5831,
21.1288

■ 23.8651, 31.4879,
16.5496

■ 28.8060, 33.8179,
26.5895

■ 21.8363, 30.5228,
12.8034

■ 31.7418, 35.1932,
32.9722

■ 20.0844, 29.6835,
9.8407

■ 35.0026, 36.7149,
40.3178

■ 18.5952, 28.9637,
7.6055

■ 38.5986, 38.3878,
48.6638

■ 17.3525, 28.3565,
6.0346

■ 42.5398, 40.2160,
58.0459

■ 16.3380, 27.8542,
5.0538

■ 46.8355, 42.2036,
68.4979

■ 15.5172, 27.4424,
4.5049

■ 51.4948, 44.3546,
80.0523

■ 15.4756, 27.4215,
4.4772

■ 56.5263, 46.6729,
92.7399

■ 60.8399, 48.7225,
100.8055

Harmonies

Analogous

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



29.5606, 32.5831, 17.7975



26.1834, 32.5831, 21.1288



24.2052, 32.5831, 28.5941

Triad

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



26.1834, 32.5831, 21.1288



28.4620, 32.5831, 60.8692



39.2479, 32.5831, 31.5361

Complementary

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



26.1834, 32.5831, 21.1288



24.0706, 20.7464, 37.3879

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.



38.8889, 32.5831, 43.3852



26.1834, 32.5831, 21.1288



32.4220, 32.5831, 62.1401

Square

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



26.1834, 32.5831, 21.1288



25.4394, 32.5831, 52.0168



36.3054, 32.5831, 55.1842



37.2475, 32.5831, 22.8781

Rectangle

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



26.1834, 32.5831, 21.1288



23.8338, 32.5831, 35.7162



36.3054, 32.5831, 55.1842



39.4032, 32.5831, 35.2398

Sweetspot

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



26.1842, 32.5845, 21.1295



57.0006, 63.0982, 59.3942



28.0225, 28.6705, 20.2771



12.6289, 14.0906, 12.9568



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.1842, 32.5845, 21.1295



44.2539, 57.1075, 32.5732



23.4982, 31.1726, 22.2317



7.2521, 8.0324, 7.5483



12.0763, 21.3360, 3.4818



0.3070, 0.4758, 0.0757

Inverse Universe

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



24.0706, 20.7464, 37.3879



39.8730, 32.5884, 66.2448



27.4943, 22.5521, 35.7064



7.0777, 7.0544, 8.8917



8.8654, 3.9768, 27.2301



0.2383, 0.1104, 0.5746

Previews

White Background



This preview shows how the XYZ color 26.1834, 32.5831, 21.1288 looks on a white background.

Color Contrast Check

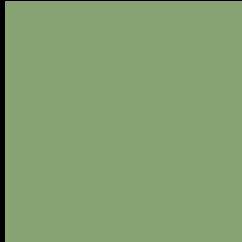
Large Text (above 18pt) WCAG AA × Fail

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 26.1834, 32.5831, 21.1288 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 26.1834, 32.5831, 21.1288

Background



This preview shows how black text looks on a background with the XYZ color 26.1834, 32.5831, 21.1288.



This preview shows how white text looks on a background with the XYZ color 26.1834, 32.5831,

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

26.1834, 32.5831, 21.1288

Protanopia

30.1507, 32.3659, 19.6971

Deuteranopia

32.9160, 32.3116, 21.6414



Tritanopia

30.3776, 32.4811, 42.2045

Trichromacy



Original Color

26.1834, 32.5831, 21.1288

Protanomaly

28.4992, 32.2524, 20.0525

Deuteranomaly

29.9120, 31.9593, 21.4219

Tritanomaly

28.6382, 32.5416, 33.2055

Monochromacy



Original Color

26.1834, 32.5831, 21.1288

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5726, 30.8466, 28.1677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1834, 32.5831, 21.1288 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(135, 163, 115)` looks like.

```
.text, #text, p{  
    color:rgb(135, 163, 115)  
}
```

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(135, 163, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 163, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.1834, 32.5831, 21.1288 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(135, 163, 115) }
```


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

```
.border{ border-color:rgb(135, 163, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 163, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 163, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 163, 115);  
box-shadow:4px 4px 4px 4px rgb(135, 163,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1834, 32.5831, 21.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 163, 115) }
```

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

```
.background{ background-color: rgb(135,  
163, 115) }
```

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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