

Converting Colors

XYZ(26.2932, 32.6966, 21.1001)

Have a look what the booklet for
XYZ(26.2932, 32.6966, 21.1001)
contains.

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Color

**XYZ(26.3450, 32.6664,
21.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	88A373
RGB	136, 163, 115
RGB Percent	53%, 64%, 45%
CMY	0.4667, 0.3608, 0.5490
CMYK	0.17, 0.00, 0.29, 0.36
HSL	94°, 21%, 55%
HSV	94°, 29%, 64%
XYZ	26.3450, 32.6664, 21.1364
YIQ	149.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

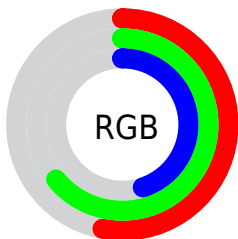
Format	Color
RYB	115, 163, 142
Decimal	8954739
CIELab	63.89, -18.35, 21.94
CIELCh	64, 28.600, 129.909
Yxy	32.6664, 0.3287, 0.4076
Android (android.graphics.Color)	4287144819 (0xFF88A373)
YUV	149.4550, -16.9863, -11.8000
Hunter-Lab	57.1545, -17.7420, 18.0820

Details

The XYZ color **26.3450, 32.6664, 21.1364** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.8983, 20.6576, 37.3798**, and the grayscale version is **28.8292, 30.3305, 33.0299**.

A 20% lighter version of the original color is **53.2817, 63.8800, 46.0810**, and **10.4141, 13.6935, 7.2485** is the 20% darker color. If you saturate the color by 10%, you get **24.0629, 31.5899, 16.5589**, and if you desaturate by 10%, it is **28.9221, 33.8778, 26.5949**.

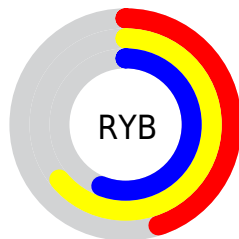
Distribution



Red (53%)

Green (64%)

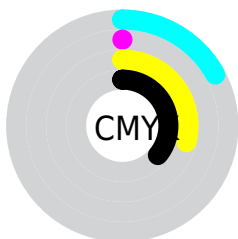
Blue (45%)



Red (45%)

Yellow (64%)

Blue (56%)

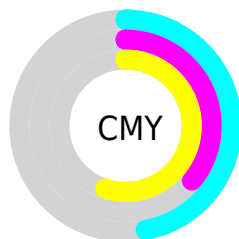


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3450, 32.6664, 21.1364 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 26.3450, 32.6664, 21.1364 by changing the saturation by 10% instead.

■ 26.3450, 32.6664,
21.1364

■ 26.3450, 32.6664,
21.1364

276.6973,
314.1438, 270.8073

■ 17.2159, 21.8710,
13.0315

■ 53.2583, 63.8543,
46.1982

■ 10.4848, 13.7621,
7.3193

■ 71.7733, 85.0157,
63.9921

■ 5.7863, 7.9554,
3.5811

■ 94.1477, 110.4011,
85.8529

■ 2.7550, 4.0664,
1.3985

120.7468,
140.3951, 112.1990

■ 1.0256, 1.7108,
0.1405

151.9359,
175.3819, 143.4489

■ 0.0000, 0.4306,
0.0000

188.0805,

■ 0.0000, 0.0000,

215.7461, 180.0213

0.0000

229.5458,
261.8719, 222.3345

■ 26.3450, 32.6664,
21.1364

■ 26.3450, 32.6664,
21.1364

■ 24.0629, 31.5899,
16.5589

■ 28.9221, 33.8778,
26.5949

■ 22.0614, 30.6389,
12.8140

■ 31.8029, 35.2247,
32.9751

■ 20.3284, 29.8093,
9.8522

■ 34.9987, 36.7130,
40.3176

■ 18.8500, 29.0951,
7.6175

■ 38.5195, 38.3470,
48.6601

■ 17.6106, 28.4896,
6.0467

■ 42.3749, 40.1309,
58.0382

■ 16.5924, 27.9853,
5.0657

■ 46.5738, 42.0687,
68.4857

■ 15.7613, 27.5682,
4.5163

■ 51.1251, 44.1640,
80.0350

■ 15.7189, 27.5469,
4.4886

■ 56.0372, 46.4207,
92.7171

■ 60.2195, 48.4027,
100.7765

Harmonies

Analogous

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



29.7362, 32.6664, 17.9028



26.3450, 32.6664, 21.1364



24.3351, 32.6664, 28.4873

Triad

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



26.3450, 32.6664, 21.1364



28.4660, 32.6664, 60.6966



39.3096, 32.6664, 31.8903

Complementary

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



26.3450, 32.6664, 21.1364



23.8983, 20.6576, 37.3798

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.



38.8952, 32.6664, 43.7347



26.3450, 32.6664, 21.1364



32.3988, 32.6664, 62.1616

Square

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



26.3450, 32.6664, 21.1364



25.4844, 32.6664, 51.7600



36.2808, 32.6664, 55.4134



37.3686, 32.6664, 23.1633

Rectangle

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



26.3450, 32.6664, 21.1364



23.9371, 32.6664, 35.5328



36.2808, 32.6664, 55.4134



39.4448, 32.6664, 35.6035

Sweetspot

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



26.3458, 32.6678, 21.1371



57.1070, 63.1531, 59.3992



27.7840, 28.1935, 20.1977



12.6562, 14.1046, 12.9581



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.



26.3458, 32.6678, 21.1371



44.5854, 57.2783, 32.5887



23.4029, 31.1345, 21.7298



7.2658, 8.0395, 7.5489



12.2663, 21.4340, 3.4907



0.3116, 0.4782, 0.0759

Inverse Universe

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



23.8983, 20.6576, 37.3798



39.5138, 32.4032, 66.2280



27.6341, 22.6080, 36.4426



7.0637, 7.0472, 8.8910



8.5973, 3.8385, 27.2176



0.2337, 0.1080, 0.5744

Previews

White Background



This preview shows how the XYZ color 26.3450, 32.6664, 21.1364 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 26.3450, 32.6664, 21.1364 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 26.3450, 32.6664, 21.1364

Background



This preview shows how black text looks on a background with the XYZ color 26.3450, 32.6664, 21.1364.



This preview shows how white text looks on a background with the XYZ color 26.3450, 32.6664,

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

26.3450, 32.6664, 21.1364

Protanopia

30.1507, 32.3659, 19.6971

Deuteranopia

32.9160, 32.3116, 21.6414



Tritanopia

30.5515, 32.5708, 42.2127

Trichromacy



Original Color

26.3450, 32.6664, 21.1364

Protanomaly

28.4992, 32.2524, 20.0525

Deuteranomaly

30.1192, 32.0662, 21.4316

Tritanomaly

28.8075, 32.6289, 33.2135

Monochromacy



Original Color

26.3450, 32.6664, 21.1364

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 26.3450, 32.6664, 21.1364 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(136, 163, 115)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 163, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 163, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.3450, 32.6664, 21.1364 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(136, 163, 115) }
```


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

```
.border{ border-color:rgb(136, 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(136, 163, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 163, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 163, 115);  
box-shadow:4px 4px 4px 4px rgb(136, 163,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3450, 32.6664, 21.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 163, 115) }
```

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

```
.background{ background-color: rgb(136,  
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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