

Converting Colors

XYZ(26.3450, 31.8765, 26.1317)

Have a look what the booklet for
XYZ(26.3450, 31.8765, 26.1317)
contains.

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Color

**XYZ(26.3404, 31.7669,
26.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	85A083
RGB	133, 160, 131
RGB Percent	52%, 63%, 51%
CMY	0.4784, 0.3725, 0.4863
CMYK	0.17, 0.00, 0.18, 0.37
HSL	116°, 13%, 57%
HSV	116°, 18%, 63%
XYZ	26.3404, 31.7669, 26.2161
YIQ	148.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

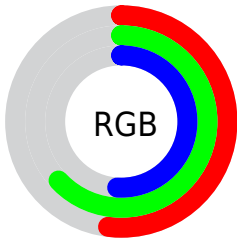
Format	Color
RYB	131, 160, 158
Decimal	8757379
CIELab	63.15, -15.18, 12.04
CIElCh	63, 19.375, 141.570
Yxy	31.7669, 0.3124, 0.3767
Android (android.graphics.Color)	4286947459 (0xFF85A083)
YUV	148.6210, -8.6872, -13.6996
Hunter-Lab	56.3621, -15.2132, 11.8755

Details

The XYZ color **26.3404, 31.7669, 26.2161** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.5635, 26.0408, 36.7804**, and the grayscale version is **28.4460, 29.9274, 32.5909**.

A 20% lighter version of the original color is **53.2019, 62.5007, 54.6072**, and **10.4528, 13.1733, 9.9744** is the 20% darker color. If you saturate the color by 10%, you get **23.1513, 30.2395, 20.8366**, and if you desaturate by 10%, it is **30.0324, 33.5360, 32.4947**.

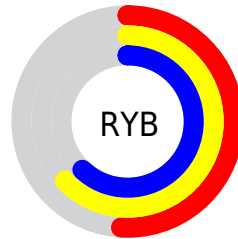
Distribution



Red (52%)

Green (63%)

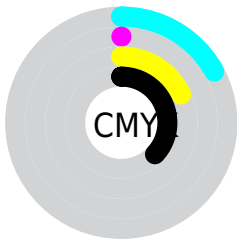
Blue (51%)



Red (51%)

Yellow (63%)

Blue (62%)

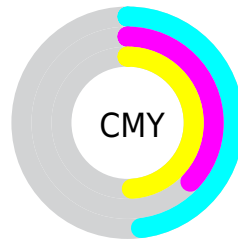


Cyan (17%)

Magenta (0%)

Yellow (18%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3404, 31.7669, 26.2161 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 26.3404, 31.7669, 26.2161 by changing the saturation by 10% instead.

■ 26.3404, 31.7669,
26.2161

■ 26.3404, 31.7669,
26.2161

276.6753,
310.0560, 297.4805

■ 17.2125, 21.1835,
16.7582

■ 53.2510, 62.4455,
54.6117

■ 10.4823, 13.2582,
9.9021

■ 71.7644, 83.3095,
74.3865

■ 5.7846, 7.6066,
5.2293

■ 94.1369, 108.3691,
98.4373

■ 2.7540, 3.8443,
2.3214

120.7341,
138.0088, 127.1826

■ 1.0250, 1.5868,
0.7431

151.9211,
172.6130, 161.0411

■ 0.0000, 0.3487,
0.0000

188.0634,

■ 0.0000, 0.0000,

212.5660, 200.4312

0.0000

229.5263,
258.2522, 245.7714

■ 26.3404, 31.7669,
26.2161

■ 26.3404, 31.7669,
26.2161

■ 23.1513, 30.2395,
20.8366

■ 30.0324, 33.5360,
32.4947

■ 20.4408, 28.9395,
16.3131

■ 34.2449, 35.5523,
39.7087

■ 18.1865, 27.8572,
12.6021

■ 38.9981, 37.8264,
47.8950

■ 16.3635, 26.9807,
9.6555

■ 44.3102, 40.3669,
57.0877

■ 14.9439, 26.2969,
7.4201

■ 50.1984, 43.1820,
67.3194

■ 13.8971, 25.7913,
5.8358

■ 56.6795, 46.2797,
78.6213

■ 13.1878, 25.4471,
4.8327

■ 63.7694, 49.6675,
91.0231

■ 12.7662, 25.2414,
4.2853

■ 70.8317, 53.0921,
101.1223

■ 12.7099, 25.2143,
4.1970

■ 71.8615, 53.6229,
101.1705

Harmonies

Analogous

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



28.3415, 31.7669, 22.6175



26.3404, 31.7669, 26.2161



25.3855, 31.7669, 32.4736

Triad

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



26.3404, 31.7669, 26.2161



29.4456, 31.7669, 51.3043



35.2344, 31.7669, 29.4504

Complementary

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



26.3404, 31.7669, 26.2161



28.5635, 26.0408, 36.7804

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.



35.5732, 31.7669, 36.7938



26.3404, 31.7669, 26.2161



32.1244, 31.7669, 50.1778

Square

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



26.3404, 31.7669, 26.2161



27.1077, 31.7669, 47.4606



34.4051, 31.7669, 44.5775



33.5050, 31.7669, 24.2840

Rectangle

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



26.3404, 31.7669, 26.2161



25.4291, 31.7669, 37.6284



34.4051, 31.7669, 44.5775



35.5186, 31.7669, 31.7173

Sweetspot

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



26.3413, 31.7683, 26.2168



56.7430, 61.9493, 62.7837



30.7513, 33.4257, 26.3043



12.3375, 13.5351, 13.5862



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.3413, 31.7683, 26.2168



45.2270, 56.4340, 43.2055



26.8962, 31.9541, 30.7709



6.5910, 7.4218, 7.0708



9.9157, 19.6484, 3.2699



0.1883, 0.3570, 0.0590

Inverse Universe

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



28.5635, 26.0408, 36.7804



50.0695, 43.9493, 66.2306



27.9534, 25.8425, 31.4984



6.8590, 6.7313, 8.3444



14.6088, 6.9601, 26.4807



0.2733, 0.1307, 0.4740

Previews

White Background



This preview shows how the XYZ color 26.3404, 31.7669, 26.2161 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 26.3404, 31.7669, 26.2161 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 26.3404, 31.7669, 26.2161

Background



This preview shows how black text looks on a background with the XYZ color 26.3404, 31.7669, 26.2161.



This preview shows how white text looks on a background with the XYZ color 26.3404, 31.7669,

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

26.3404, 31.7669, 26.2161

Protanopia

29.7569, 31.5658, 24.6031

Deuteranopia

32.1924, 31.5873, 26.9545



Tritanopia

29.3439, 31.7217, 41.1355

Trichromacy



Original Color

26.3404, 31.7669, 26.2161

Protanomaly

28.3801, 31.5805, 25.0219

Deuteranomaly

29.7599, 31.5209, 26.7059

Tritanomaly

28.2062, 31.7654, 35.2166

Monochromacy



Original Color

26.3404, 31.7669, 26.2161

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6014, 30.5751, 30.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3404, 31.7669, 26.2161 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, 160, 131)` looks like.

```
.text, #text, p{  
    color:rgb(133, 160, 131)  
}
```

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, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 160, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.3404, 31.7669, 26.2161 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, 160, 131) }
```


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

```
.border{ border-color:rgb(133, 160, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(133, 160,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3404, 31.7669, 26.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 160, 131) }
```

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

```
.background{ background-color: rgb(133,  
160, 131) }
```

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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