

Converting Colors

XYZ(26.4509, 31.6121, 31.3835)

Have a look what the booklet for
XYZ(26.4509, 31.6121, 31.3835)
contains.

XYZ(26.5837, 31.7751, 31.5202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5837, 31.7751,
31.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	80A091
RGB	128, 160, 145
RGB Percent	50%, 63%, 57%
CMY	0.4980, 0.3725, 0.4314
CMYK	0.20, 0.00, 0.09, 0.37
HSL	152°, 14%, 56%
HSV	152°, 20%, 63%
XYZ	26.5837, 31.7751, 31.5202
YIQ	148.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

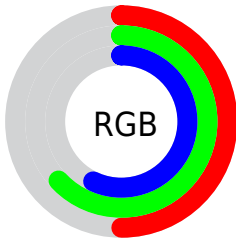
Format	Color
RYB	128, 149, 160
Decimal	8429713
CIELab	63.16, -14.21, 4.17
CIElCh	63, 14.806, 163.631
Yxy	31.7751, 0.2958, 0.3535
Android (android.graphics.Color)	4286619793 (0xFF80A091)
YUV	148.7220, -1.8349, -18.1732
Hunter-Lab	56.3694, -14.4662, 6.3053

Details

The XYZ color **26.5837, 31.7751, 31.5202** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1754, 24.8958, 29.3609**, and the grayscale version is **28.4627, 29.9450, 32.6101**.

A 20% lighter version of the original color is **53.6653, 62.5482, 63.2774**, and **10.5700, 13.1710, 12.8116** is the 20% darker color. If you saturate the color by 10%, you get **23.8049, 30.4081, 28.4704**, and if you desaturate by 10%, it is **29.7820, 33.3557, 34.7904**.

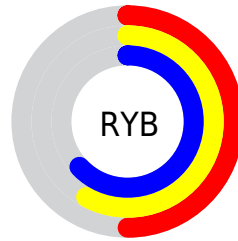
Distribution



Red (50%)

Green (63%)

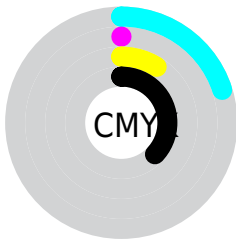
Blue (57%)



Red (50%)

Yellow (58%)

Blue (63%)

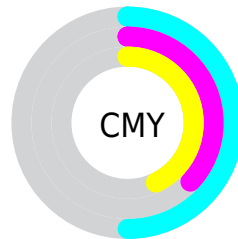


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (50%)

Magenta (37%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5837, 31.7751, 31.5202 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 26.5837, 31.7751, 31.5202 by changing the saturation by 10% instead.

■ 26.5837, 31.7751,
31.5202

■ 26.5837, 31.7751,
31.5202

277.8402,
310.0935, 323.3529

■ 17.3958, 21.1898,
20.7335

■ 53.6397, 62.4584,
63.1473

■ 10.6141, 13.2628,
12.7400

■ 72.2386, 83.3251,
84.8248

■ 5.8734, 7.6098,
7.1211

■ 94.7051, 108.3877,
110.9696

■ 2.8082, 3.8463,
3.4584

121.4046,
138.0307, 142.0003

■ 1.0531, 1.5879,
1.3332

152.7025,
172.6383, 178.3355

■ 0.0000, 0.3495,
0.0888

188.9642,

■ 0.0000, 0.0000,

212.5951, 220.3936

0.0000

230.5550,
258.2853, 268.5932

■ 26.5837, 31.7751,
31.5202

■ 26.5837, 31.7751,
31.5202

■ 23.8049, 30.4081,
28.4704

■ 29.7820, 33.3557,
34.7904

■ 21.4246, 29.2413,
25.6340

■ 33.4144, 35.1547,
38.2833

■ 19.4235, 28.2658,
23.0071

■ 37.4981, 37.1818,
42.0041

■ 17.7802, 27.4705,
20.5845

■ 42.0485, 39.4449,
45.9569

■ 16.4704, 26.8432,
18.3609

■ 47.0804, 41.9514,
50.1459

■ 15.4671, 26.3699,
16.3306

■ 52.6077, 44.7085,
54.5751

■ 14.7386, 26.0343,
14.4878

■ 58.6439, 47.7231,
59.2484

■ 14.2109, 25.7986,
12.8243

■ 64.8316, 50.8109,
64.1522

■ 65.7592, 51.1819,
69.0365

Harmonies

Analogous

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



27.5687, 31.7751, 27.0705



26.5837, 31.7751, 31.5202



26.5391, 31.7751, 37.3198

Triad

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



26.5837, 31.7751, 31.5202



31.1374, 31.7751, 46.7354



33.1375, 31.7751, 27.3950

Complementary

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



26.5837, 31.7751, 31.5202



27.1754, 24.8958, 29.3609

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.



34.1858, 31.7751, 32.0113



26.5837, 31.7751, 31.5202



32.9963, 31.7751, 43.4048

Square

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



26.5837, 31.7751, 31.5202



29.1067, 31.7751, 46.5654



34.1330, 31.7751, 37.8692



31.3230, 31.7751, 24.8792

Rectangle

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



26.5837, 31.7751, 31.5202



27.0444, 31.7751, 41.2164



34.1330, 31.7751, 37.8692



33.5947, 31.7751, 28.7284

Sweetspot

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



26.5846, 31.7764, 31.5209



56.5399, 61.7824, 65.5819



27.8768, 32.5829, 25.2423



12.3151, 13.5078, 14.3008



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.



26.5846, 31.7764, 31.5209



45.9242, 56.5395, 54.7104



27.7268, 32.0857, 37.9910



6.6906, 7.4570, 7.8053



11.0920, 20.1048, 10.1076



0.2196, 0.3680, 0.2928

Inverse Universe

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



27.1754, 24.8958, 29.3609



47.1957, 41.7330, 50.0632



26.1833, 24.6106, 23.7928



6.7560, 6.6953, 7.5661



12.3045, 6.2264, 5.8543



0.2412, 0.1198, 0.2164

Previews

White Background



This preview shows how the XYZ color 26.5837, 31.7751, 31.5202 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 26.5837, 31.7751, 31.5202 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 26.5837, 31.7751, 31.5202

Background



This preview shows how black text looks on a background with the XYZ color 26.5837, 31.7751, 31.5202.



This preview shows how white text looks on a background with the XYZ color 26.5837, 31.7751,

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

26.5837, 31.7751, 31.5202

Protanopia

30.1365, 31.6487, 29.7197

Deuteranopia

32.1412, 31.4406, 32.3916



Tritanopia

28.5656, 31.5470, 42.1197

Trichromacy



Original Color

26.5837, 31.7751, 31.5202

Protanomaly

28.6365, 31.5987, 30.1810

Deuteranomaly

29.8211, 31.4331, 32.0992

Tritanomaly

27.7622, 31.4773, 37.8702

Monochromacy



Original Color

26.5837, 31.7751, 31.5202

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7210, 30.5833, 32.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5837, 31.7751, 31.5202 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(128, 160, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 160, 145)  
}
```

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(128, 160, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.5837, 31.7751, 31.5202 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(128, 160, 145) }
```


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

```
.border{ border-color:rgb(128, 160, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 160, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5837, 31.7751, 31.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 160, 145) }
```

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

```
.background{ background-color: rgb(128,  
160, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor