

Converting Colors

XYZ(26.5530, 31.9378, 31.1802)

Have a look what the booklet for
XYZ(26.5530, 31.9378, 31.1802)
contains.

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Color

**XYZ(26.6810, 32.0925,
31.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	80A190
RGB	128, 161, 144
RGB Percent	50%, 63%, 56%
CMY	0.4980, 0.3686, 0.4353
CMYK	0.20, 0.00, 0.11, 0.37
HSL	149°, 15%, 57%
HSV	149°, 20%, 63%
XYZ	26.6810, 32.0925, 31.1738
YIQ	149.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

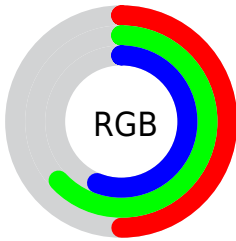
Format	Color
RYB	128, 150, 161
Decimal	8429968
CIELab	63.42, -14.94, 5.11
CIELCh	63, 15.791, 161.110
Yxy	32.0925, 0.2966, 0.3568
Android (android.graphics.Color)	4286620048 (0xFF80A190)
YUV	149.1950, -2.5611, -18.5880
Hunter-Lab	56.6502, -15.0684, 7.0288

Details

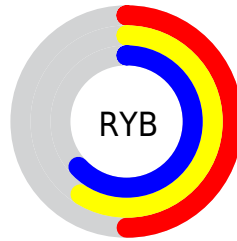
The XYZ color **26.6810, 32.0925, 31.1738** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.5291, 25.0606, 30.1757**, and the grayscale version is **28.6646, 30.1574, 32.8414**.

A 20% lighter version of the original color is **53.8050, 63.0127, 62.7529**, and **10.6309, 13.3651, 12.6091** is the 20% darker color. If you saturate the color by 10%, you get **23.8381, 30.6984, 27.8524**, and if you desaturate by 10%, it is **29.9566, 33.7060, 34.7600**.

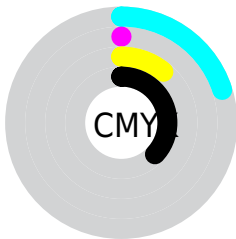
Distribution



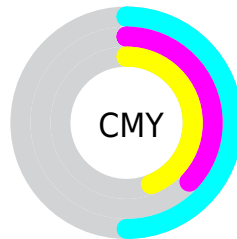
- Red (50%)
- Green (63%)
- Blue (56%)



- Red (50%)
- Yellow (59%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6810, 32.0925, 31.1738 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 26.6810, 32.0925, 31.1738 by changing the saturation by 10% instead.

■ 26.6810, 32.0925,
31.1738

■ 26.6810, 32.0925,
31.1738

278.3050,
311.5404, 321.7142

■ 17.4691, 21.4322,
20.4717

■ 53.7951, 62.9561,
62.5964

■ 10.6669, 13.4403,
12.5509

■ 72.4280, 83.9281,
84.1539

■ 5.9090, 7.7324,
6.9929

■ 94.9319, 109.1061,
110.1669

■ 2.8299, 3.9242,
3.3793

121.6723,
138.8746, 141.0541

■ 1.0645, 1.6313,
1.2914

153.0144,
173.6178, 177.2338

■ 0.0000, 0.3785,
0.0547

189.3237,

■ 0.0000, 0.0000,

213.7203, 219.1247

0.0000

230.9655,
259.5664, 267.1453

■ 26.6810, 32.0925,
31.1738

■ 26.6810, 32.0925,
31.1738

■ 23.8381, 30.6984,
27.8524

■ 29.9566, 33.7060,
34.7600

■ 21.4061, 29.5100,
24.7875

■ 33.6801, 35.5441,
38.6148

■ 19.3653, 28.5181,
21.9736

■ 37.8691, 37.6165,
42.7444

■ 17.6934, 27.7113,
19.4041

■ 42.5396, 39.9315,
47.1545

■ 16.3655, 27.0770,
17.0720

■ 47.7067, 42.4967,
51.8502

■ 15.3535, 26.6008,
14.9699

■ 53.3850, 45.3194,
56.8369

■ 14.6246, 26.2659,
13.0902

■ 59.5882, 48.4068,
62.1195

■ 14.1226, 26.0418,
11.5007

■ 65.6630, 51.4219,
67.6717

■ 66.7260, 51.8471,
73.2692

Harmonies

Analogous

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



27.8109, 32.0925, 26.6035



26.6810, 32.0925, 31.1738



26.5457, 32.0925, 37.3249

Triad

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



26.6810, 32.0925, 31.1738



31.3236, 32.0925, 48.1984



33.7951, 32.0925, 27.5823

Complementary

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



26.6810, 32.0925, 31.1738



27.5291, 25.0606, 30.1757

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.



34.8352, 32.0925, 32.6652



26.6810, 32.0925, 31.1738



33.3634, 32.0925, 44.8659

Square

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



26.6810, 32.0925, 31.1738



29.1567, 32.0925, 47.6743



34.6735, 32.0925, 39.0050



31.8900, 32.0925, 24.7081

Rectangle

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



26.6810, 32.0925, 31.1738



27.0298, 32.0925, 41.5689



34.6735, 32.0925, 39.0050



34.2615, 32.0925, 29.0620

Sweetspot

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



26.6819, 32.0938, 31.1745



56.4706, 61.7547, 65.2166



28.3281, 33.0739, 25.3135



12.2985, 13.5011, 14.2132



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.



26.6819, 32.0938, 31.1745



45.1565, 56.1849, 52.8122



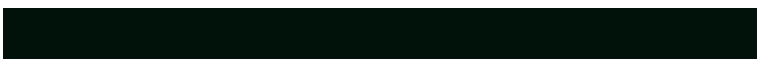
28.0326, 32.6341, 38.2875



7.1219, 7.9496, 8.2538



11.2993, 20.8061, 9.2925



0.2613, 0.4467, 0.3210

Inverse Universe

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



27.5291, 25.0606, 30.1757



46.9764, 41.0751, 50.6659



26.3507, 24.5892, 23.9703



7.2190, 7.1440, 8.1394



13.0048, 6.5580, 7.2158



0.2970, 0.1473, 0.2769

Previews

White Background



This preview shows how the XYZ color 26.6810, 32.0925, 31.1738 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 26.6810, 32.0925, 31.1738 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

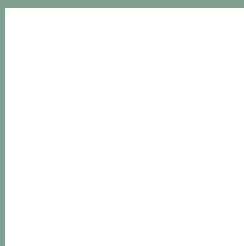
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6810, 32.0925, 31.1738

Background



This preview shows how black text looks on a background with the XYZ color 26.6810, 32.0925, 31.1738.

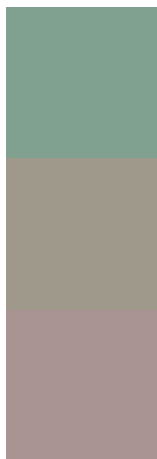


This preview shows how white text looks on a background with the XYZ color 26.6810, 32.0925,

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

26.6810, 32.0925, 31.1738

Protanopia

30.4229, 32.0468, 29.3931

Deuteranopia

32.4339, 31.8324, 32.0386



Tritanopia

28.9855, 32.0028, 42.6797

Trichromacy



Original Color

26.6810, 32.0925, 31.1738

Protanomaly

28.9089, 31.9959, 29.8515

Deuteranomaly

30.0971, 31.8264, 31.7509

Tritanomaly

28.0200, 31.8522, 38.3895

Monochromacy



Original Color

26.6810, 32.0925, 31.1738

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6422, 30.5518, 32.0439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6810, 32.0925, 31.1738 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, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 161, 144)  
}
```

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, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 161, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.6810, 32.0925, 31.1738 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, 161, 144) }
```


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

```
.border{ border-color:rgb(128, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 161,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6810, 32.0925, 31.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 161, 144) }
```

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

```
.background{ background-color: rgb(128,  
161, 144) }
```

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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