

Converting Colors

XYZ(25.5852, 31.3993, 26.1446)

Have a look what the booklet for
XYZ(25.5852, 31.3993, 26.1446)
contains.

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Color

**XYZ(25.5696, 31.3695,
26.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	80A083
RGB	128, 160, 131
RGB Percent	50%, 63%, 51%
CMY	0.4980, 0.3725, 0.4863
CMYK	0.20, 0.00, 0.18, 0.37
HSL	126°, 14%, 56%
HSV	126°, 20%, 63%
XYZ	25.5696, 31.3695, 26.1800
YIQ	147.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

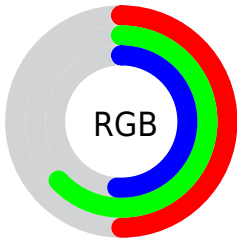
Format	Color
RYB	128, 157, 160
Decimal	8429699
CIELab	62.82, -16.96, 11.53
CIElCh	63, 20.507, 145.795
Yxy	31.3695, 0.3076, 0.3774
Android (android.graphics.Color)	4286619779 (0xFF80A083)
YUV	147.1260, -7.9501, -16.7735
Hunter-Lab	56.0085, -16.5241, 11.4921

Details

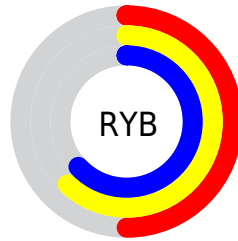
The XYZ color **25.5696, 31.3695, 26.1800** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.3032, 25.3469, 35.3003**, and the grayscale version is **27.8207, 29.2695, 31.8745**.

A 20% lighter version of the original color is **52.0082, 61.8853, 54.5513**, and **10.0274, 12.9540, 9.9545** is the 20% darker color. If you saturate the color by 10%, you get **22.4352, 29.8603, 21.2574**, and if you desaturate by 10%, it is **29.2228, 33.1321, 31.8462**.

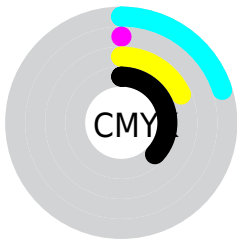
Distribution



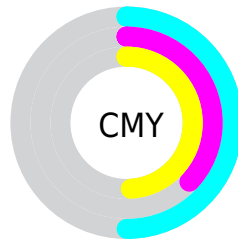
- Red (50%)
- Green (63%)
- Blue (51%)



- Red (50%)
- Yellow (62%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5696, 31.3695, 26.1800 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 25.5696, 31.3695, 26.1800 by changing the saturation by 10% instead.

■ 25.5696, 31.3695,
26.1800

■ 25.5696, 31.3695,
26.1800

272.9584,
308.2370, 297.2981

■ 16.6329, 20.8804,
16.7314

■ 52.0161, 61.8213,
54.5528

■ 10.0668, 13.0366,
9.8832

■ 70.2565, 82.5529,
74.3141

■ 5.5059, 7.4537,
5.2170

■ 92.3290, 107.4673,
98.3500

■ 2.5848, 3.7475,
2.3142

118.5988,
136.9490, 127.0791

■ 0.9382, 1.5333,
0.7391

149.4313,
171.3825, 160.9200

■ 0.0000, 0.3120,
0.0000

185.1918,

■ 0.0000, 0.0000,

211.1520, 200.2910

0.0000

226.2458,
256.6421, 245.6109

■ 25.5696, 31.3695,
26.1800

■ 25.5696, 31.3695,
26.1800

■ 22.4352, 29.8603,
21.2574

■ 29.2228, 33.1321,
31.8462

■ 19.7936, 28.5890,
17.0457

■ 33.4142, 35.1547,
38.2829

■ 17.6205, 27.5446,
13.5125

■ 38.1653, 37.4488,
45.5181

■ 15.8884, 26.7139,
10.6224

■ 43.4957, 40.0238,
53.5780

■ 14.5668, 26.0818,
8.3367

■ 49.4240, 42.8889,
62.4875

■ 13.6217, 25.6318,
6.6124

■ 55.9679, 46.0527,
72.2703

■ 13.0131, 25.3442,
5.4012

■ 63.1446, 49.5235,
82.9493

■ 12.6577, 25.1773,
4.6446

■ 70.6003, 53.1184,
94.5294

■ 71.8614, 53.6229,
101.1705

Harmonies

Analogous

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



27.5274, 31.3695, 22.0397



25.5696, 31.3695, 26.1800



24.7487, 31.3695, 33.0348

Triad

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



25.5696, 31.3695, 26.1800



29.4216, 31.3695, 52.0149



34.9460, 31.3695, 27.8594

Complementary

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



25.5696, 31.3695, 26.1800



28.3032, 25.3469, 35.3003

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.



35.5312, 31.3695, 35.3024



25.5696, 31.3695, 26.1800



32.2276, 31.3695, 50.0556

Square

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



25.5696, 31.3695, 26.1800



26.8824, 31.3695, 48.6070



34.5078, 31.3695, 43.6069



32.9551, 31.3695, 22.8972

Rectangle

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



25.5696, 31.3695, 26.1800



24.9163, 31.3695, 38.5404



34.5078, 31.3695, 43.6069



35.3188, 31.3695, 30.1175

Sweetspot

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



25.5704, 31.3708, 26.1807



55.8963, 61.5250, 62.1926



30.4382, 33.9034, 25.3621



12.1611, 13.4461, 13.4893



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.



25.5704, 31.3708, 26.1807



43.7731, 55.6790, 43.3830



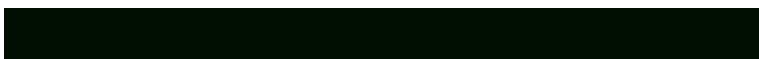
26.7141, 31.8283, 32.2033



6.5748, 7.4107, 7.1953



9.8676, 19.6150, 3.6601



0.1830, 0.3533, 0.0998

Inverse Universe

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



28.3032, 25.3469, 35.3003



49.6530, 42.7159, 63.0032



27.0499, 24.8456, 28.7003



6.8773, 6.7439, 8.2051



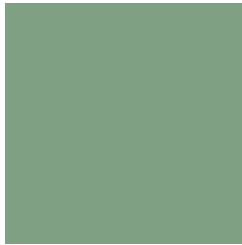
15.2829, 7.4177, 21.5385



0.2803, 0.1354, 0.4221

Previews

White Background



This preview shows how the XYZ color 25.5696, 31.3695, 26.1800 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 25.5696, 31.3695, 26.1800 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 25.5696, 31.3695, 26.1800

Background



This preview shows how black text looks on a background with the XYZ color 25.5696, 31.3695, 26.1800.



This preview shows how white text looks on a background with the XYZ color 25.5696, 31.3695,

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

25.5696, 31.3695, 26.1800

Protanopia

29.3946, 31.1391, 24.5399

Deuteranopia

31.8155, 31.1632, 26.8925



Tritanopia

28.5279, 31.3010, 41.0973

Trichromacy



Original Color

25.5696, 31.3695, 26.1800

Protanomaly

27.6646, 30.9656, 24.9410

Deuteranomaly

29.2049, 30.9948, 26.6336

Tritanomaly

27.4054, 31.3526, 35.1791

Monochromacy



Original Color

25.5696, 31.3695, 26.1800

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8512, 29.9550, 29.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5696, 31.3695, 26.1800 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.5696, 31.3695, 26.1800 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, 131) }
```


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

```
.border{ border-color:rgb(128, 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(128, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5696, 31.3695, 26.1800 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, 131) }
```

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

```
.background{ background-color: rgb(128,  
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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