

Converting Colors

XYZ(26.4136, 31.1226, 40.6915)

Have a look what the booklet for
XYZ(26.4136, 31.1226, 40.6915)
contains.

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Color

**XYZ(26.4835, 31.2625,
40.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	749FA6
RGB	116, 159, 166
RGB Percent	45%, 62%, 65%
CMY	0.5451, 0.3765, 0.3490
CMYK	0.30, 0.04, 0.00, 0.35
HSL	188°, 22%, 55%
HSV	188°, 30%, 65%
XYZ	26.4835, 31.2625, 40.7148
YIQ	146.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

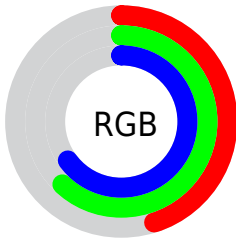
Format	Color
RYB	116, 139, 166
Decimal	7643046
CIELab	62.73, -12.77, -8.35
CIELCh	63, 15.259, 213.170
Yxy	31.2625, 0.2690, 0.3175
Android (android.graphics.Color)	4285833126 (0xFF749FA6)
YUV	146.9410, 9.3961, -27.1353
Hunter-Lab	55.9129, -13.2998, -4.0349

Details

The XYZ color **26.4835, 31.2625, 40.7148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9615, 23.5339, 19.6977**, and the grayscale version is **27.6802, 29.1217, 31.7135**.

A 20% lighter version of the original color is **53.4599, 61.7486, 77.5077**, and **10.5798, 13.0638, 17.8835** is the 20% darker color. If you saturate the color by 10%, you get **24.0755, 29.4343, 40.4894**, and if you desaturate by 10%, it is **29.2952, 33.3115, 40.9626**.

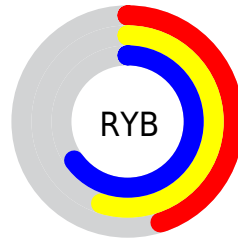
Distribution



Red (45%)

Green (62%)

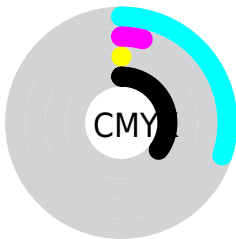
Blue (65%)



Red (45%)

Yellow (55%)

Blue (65%)

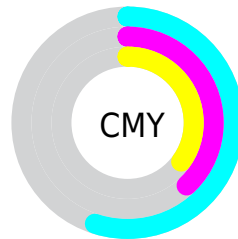


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4835, 31.2625, 40.7148 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 26.4835, 31.2625, 40.7148 by changing the saturation by 10% instead.

■ 26.4835, 31.2625,
40.7148

■ 26.4835, 31.2625,
40.7148

277.3609,
307.7458, 364.7685

■ 17.3203, 20.7988,
27.7783

■ 53.4797, 61.6531,
77.4997

■ 10.5598, 12.9770,
17.9210

■ 72.0434, 82.3488,
102.1852

■ 5.8368, 7.4127,
10.7244

■ 94.4712, 107.2240,
131.6241

■ 2.7858, 3.7215,
5.7700

121.1286,
136.6631, 166.2349

■ 1.0415, 1.5190,
2.6392

152.3810,
171.0504, 206.4362

■ 0.0000, 0.3021,
0.9126

188.5936,

■ 0.0000, 0.0000,

210.7704, 252.6466

0.0000

230.1318,
256.2074, 305.2845

■ 26.4835, 31.2625,
40.7148

■ 26.4835, 31.2625,
40.7148

■ 24.0755, 29.4343,
40.4894

■ 29.2952, 33.3115,
40.9626

■ 22.0474, 27.8123,
40.2832

■ 32.5272, 35.5876,
41.2316

■ 20.3771, 26.3858,
40.0959

■ 36.1988, 38.1015,
41.5233

■ 19.0390, 25.1415,
39.9262

■ 40.3270, 40.8622,
41.8386

■ 18.0042, 24.0645,
39.7729

■ 44.9280, 43.8780,
42.1782

■ 17.2387, 23.1372,
39.6342

■ 50.0172, 47.1570,
42.5429

■ 16.6707, 22.3286,
39.5081

■ 55.6094, 50.7067,
42.9333

■ 61.7185, 54.5344,
43.3502

■ 64.4267, 56.6206,
43.6101

Harmonies

Analogous

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



25.8887, 31.2625, 34.6784



26.4835, 31.2625, 40.7148



27.9414, 31.2625, 45.3457

Triad

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



26.4835, 31.2625, 40.7148



33.4365, 31.2625, 39.4882



29.4929, 31.2625, 23.8156

Complementary

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



26.4835, 31.2625, 40.7148



25.9615, 23.5339, 19.6977

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.



31.5602, 31.2625, 24.7887



26.4835, 31.2625, 40.7148



33.8988, 31.2625, 33.4086

Square

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



26.4835, 31.2625, 40.7148



31.9616, 31.2625, 44.5814



33.1972, 31.2625, 28.1369



27.5744, 31.2625, 25.3062

Rectangle

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



26.4835, 31.2625, 40.7148



29.2399, 31.2625, 46.7577



33.1972, 31.2625, 28.1369



30.1933, 31.2625, 23.8660

Sweetspot

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



26.4844, 31.2638, 40.7155



59.6330, 65.0030, 74.8791



24.3935, 32.4077, 23.5999



13.1467, 14.4091, 16.7405



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4844, 31.2638, 40.7155



45.1229, 54.5221, 73.6209



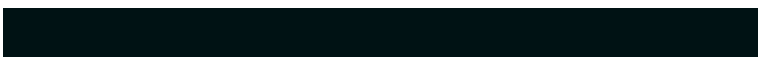
22.6572, 23.6092, 39.4398



7.6567, 8.3504, 9.6266



12.9527, 17.3655, 30.6447



0.3389, 0.4699, 0.7535

Inverse Universe

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



28.2300, 23.1016, 35.7736



48.8530, 37.5456, 62.9560



29.4165, 30.4439, 20.8494



7.7961, 7.6483, 9.2434



16.0385, 7.8241, 20.8121



0.4022, 0.1952, 0.5694

Previews

White Background



This preview shows how the XYZ color 26.4835, 31.2625, 40.7148 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 26.4835, 31.2625, 40.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

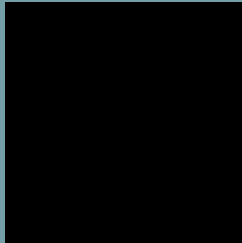
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4835, 31.2625, 40.7148

Background



This preview shows how black text looks on a background with the XYZ color 26.4835, 31.2625, 40.7148.

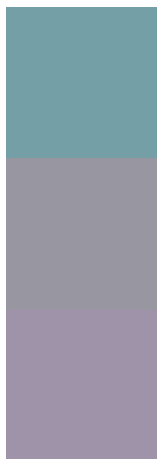


This preview shows how white text looks on a background with the XYZ color 26.4835, 31.2625,

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

26.4835, 31.2625, 40.7148

Protanopia

30.1019, 30.9652, 38.1086

Deuteranopia

31.6022, 30.9637, 41.3568



Tritanopia

26.9137, 31.1759, 43.1271

Trichromacy



Original Color

26.4835, 31.2625, 40.7148

Protanomaly

28.4833, 30.8301, 39.0999

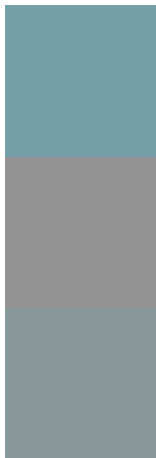
Deuteranomaly

29.3694, 30.7629, 40.9491

Tritanomaly

26.7244, 31.1002, 42.1305

Monochromacy



Original Color

26.4835, 31.2625, 40.7148

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0527, 29.7006, 34.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4835, 31.2625, 40.7148 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(116, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(116, 159, 166)  
}
```

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(116, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.4835, 31.2625, 40.7148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

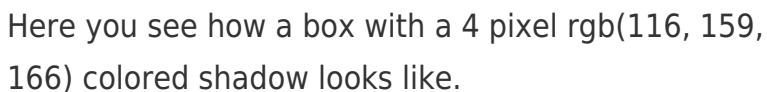
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 159, 166) }
```


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

```
.border{ border-color:rgb(116, 159, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 159, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 159, 166); box-shadow:4px 4px 4px 4px rgb(116, 159, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4835, 31.2625, 40.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 159, 166) }
```

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

```
.background{ background-color: rgb(116,  
159, 166) }
```

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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