

Converting Colors

XYZ(26.8632, 31.2306, 43.2385)

Have a look what the booklet for
XYZ(26.8632, 31.2306, 43.2385)
contains.

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Color

**XYZ(26.7800, 31.1070,
43.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	749EAB
RGB	116, 158, 171
RGB Percent	45%, 62%, 67%
CMY	0.5451, 0.3804, 0.3294
CMYK	0.32, 0.08, 0.00, 0.33
HSL	194°, 25%, 56%
HSV	194°, 32%, 67%
XYZ	26.7800, 31.1070, 43.1209
YIQ	146.9240, -29.2050, -4.8610

Conversions

Conversions Part 2

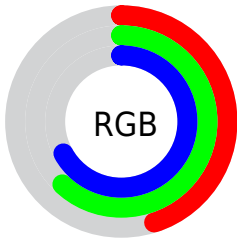
Format	Color
R_{YB}	116, 140, 171
Decimal	7642795
CIE _{Lab}	62.60, -11.00, -11.36
CIE _{LCh}	63, 15.808, 225.931
Yxy	31.1070, 0.2651, 0.3080
Android (android.graphics.Color)	4285832875 (0xFF749EAB)
YUV	146.9240, 11.8695, -27.1203
Hunter-Lab	55.7736, -11.8962, -6.7980

Details

The XYZ color **26.7800, 31.1070, 43.1209** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.7977, 25.6197, 20.0037**, and the grayscale version is **27.6637, 29.1043, 31.6946**.

A 20% lighter version of the original color is **54.0993, 61.6255, 80.9951**, and **10.7674, 12.9711, 19.3889** is the 20% darker color. If you saturate the color by 10%, you get **24.0350, 28.6860, 42.7988**, and if you desaturate by 10%, it is **29.9680, 33.7915, 43.4716**.

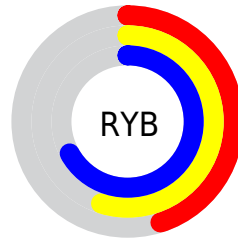
Distribution



Red (45%)

Green (62%)

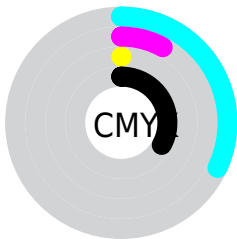
Blue (67%)



Red (45%)

Yellow (55%)

Blue (67%)

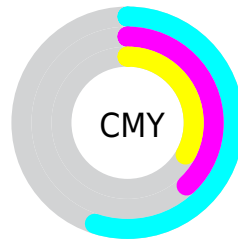


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7800, 31.1070, 43.1209 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 26.7800, 31.1070, 43.1209 by changing the saturation by 10% instead.

■ 26.7800, 31.1070,
43.1209

■ 26.7800, 31.1070,
43.1209

278.7774,
307.0310, 375.0445

■ 17.5438, 20.6803,
29.6479

■ 53.9530, 61.4085,
81.1816

■ 10.7207, 12.8905,
19.3217

■ 72.6205, 82.0521,
106.6063

■ 5.9452, 7.3532,
11.7238

■ 95.1626, 106.8702,
136.8521

■ 2.8521, 3.6840,
6.4356

121.9444,
136.2471, 172.3373

■ 1.0761, 1.4984,
3.0387

153.3315,
170.5672, 213.4807

■ 0.0049, 0.2876,
1.1144

189.6891,

■ 0.0000, 0.0000,

210.2150, 260.7006

0.0000

231.3826,
255.5748, 314.4157

■ 26.7800, 31.1070,
43.1209

■ 26.7800, 31.1070,
43.1209

■ 24.0350, 28.6860,
42.7988

■ 29.9680, 33.7915,
43.4716

■ 21.7069, 26.5126,
42.5020

■ 33.6176, 36.7472,
43.8497

■ 19.7713, 24.5745,
42.2299

■ 37.7497, 39.9859,
44.2571

■ 18.1999, 22.8568,
41.9812

■ 42.3832, 43.5177,
44.6946

■ 16.9603, 21.3425,
41.7542

■ 47.5358, 47.3520,
45.1631

■ 16.0140, 20.0115,
41.5472

■ 53.2243, 51.4977,
45.6635

■ 15.4118, 19.0624,
41.3958

■ 59.4650, 55.9636,
46.1965

■ 66.2730, 60.7577,
46.7631

■ 67.9662, 62.9511,
47.0972

Harmonies

Analogous

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



25.7622, 31.1070, 37.2292



26.7800, 31.1070, 43.1209



28.5715, 31.1070, 46.7184

Triad

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



26.7800, 31.1070, 43.1209



33.7655, 31.1070, 36.8341



28.4447, 31.1070, 23.7028

Complementary

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



26.7800, 31.1070, 43.1209



27.7977, 25.6197, 20.0037

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.



30.5838, 31.1070, 23.6243



26.7800, 31.1070, 43.1209



33.7275, 31.1070, 30.7197

Square

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



26.7800, 31.1070, 43.1209



32.6409, 31.1070, 42.8016



32.5394, 31.1070, 26.0473



26.6910, 31.1070, 26.2767

Rectangle

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



26.7800, 31.1070, 43.1209



29.9960, 31.1070, 47.0812



32.5394, 31.1070, 26.0473



29.1406, 31.1070, 23.3953

Sweetspot

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



26.7809, 31.1082, 43.1216



61.6064, 66.9225, 78.6722



25.7174, 34.4200, 25.9998



13.5231, 14.7532, 17.5226



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.7809, 31.1082, 43.1216



44.1898, 52.4050, 76.7880



22.6254, 22.7972, 41.7364



8.0735, 8.7464, 10.2154



11.6599, 14.4537, 31.2198



0.3629, 0.4791, 0.8813

Inverse Universe

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



29.2123, 23.6181, 35.3682



49.3781, 37.1617, 60.0770



31.8921, 33.8085, 21.3685



8.2549, 8.1152, 9.6531



15.7490, 7.7622, 16.8557



0.4575, 0.2237, 0.5712

Previews

White Background



This preview shows how the XYZ color 26.7800, 31.1070, 43.1209 looks on a white background.

Color Contrast Check

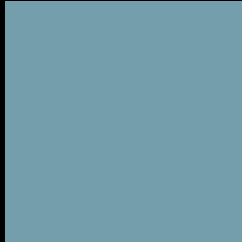
Large Text (above 18pt) WCAG AA × Fail

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 26.7800, 31.1070, 43.1209 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

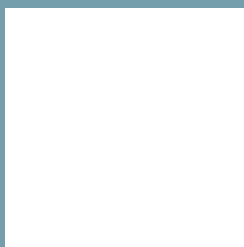
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7800, 31.1070, 43.1209

Background



This preview shows how black text looks on a background with the XYZ color 26.7800, 31.1070, 43.1209.



This preview shows how white text looks on a background with the XYZ color 26.7800, 31.1070,

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

26.7800, 31.1070, 43.1209

Protanopia

30.1837, 30.9554, 40.4605

Deuteranopia

31.4941, 30.8531, 43.8305



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

26.7800, 31.1070, 43.1209

Protanomaly

28.7756, 30.9280, 41.4988

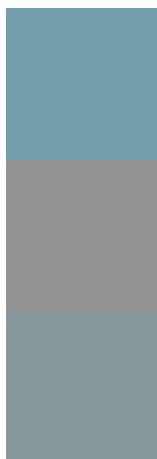
Deuteranomaly

29.4975, 30.7745, 43.4151

Tritanomaly

26.7800, 31.1070, 43.1209

Monochromacy



Original Color

26.7800, 31.1070, 43.1209

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2207, 29.7678, 35.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7800, 31.1070, 43.1209 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, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(116, 158, 171)  
}
```

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, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.7800, 31.1070, 43.1209 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, 158, 171) }
```


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

```
.border{ border-color:rgb(116, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(116, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7800, 31.1070, 43.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 158, 171) }
```

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

```
.background{ background-color: rgb(116,  
158, 171) }
```

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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