

Converting Colors

XYZ(24.4111, 29.5026, 31.2726)

Have a look what the booklet for
XYZ(24.4111, 29.5026, 31.2726)
contains.

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Color

**XYZ(24.3034, 29.3386,
31.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	769B91
RGB	118, 155, 145
RGB Percent	46%, 61%, 57%
CMY	0.5372, 0.3921, 0.4314
CMYK	0.24, 0.00, 0.06, 0.39
HSL	164°, 16%, 54%
HSV	164°, 24%, 61%
XYZ	24.3034, 29.3386, 31.1700
YIQ	142.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

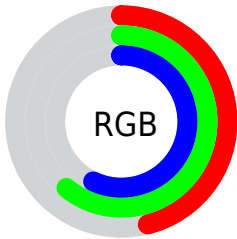
Format	Color
R_{YB}	118, 139, 155
Decimal	7773073
CIE _{Lab}	61.08, -14.88, 1.08
CIE _{LCh}	61, 14.922, 175.837
Yxy	29.3386, 0.2866, 0.3459
Android (android.graphics.Color)	4285963153 (0xFF769B91)
YUV	142.7970, 1.0861, -21.7470
Hunter-Lab	54.1651, -14.6976, 3.7964

Details

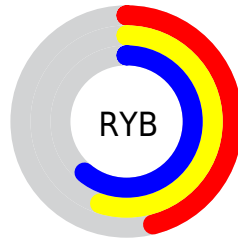
The XYZ color **24.3034, 29.3386, 31.1700** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8933, 21.4847, 23.3110**, and the grayscale version is **26.0293, 27.3849, 29.8222**.

A 20% lighter version of the original color is **50.1500, 58.8746, 62.7536**, and **9.3998, 11.9558, 12.6388** is the 20% darker color. If you saturate the color by 10%, you get **22.0520, 28.2154, 29.4095**, and if you desaturate by 10%, it is **26.9143, 30.6473, 33.0108**.

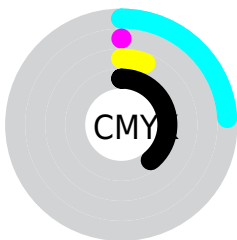
Distribution



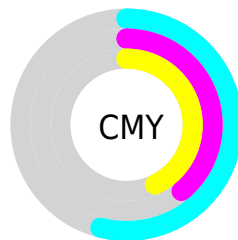
- Red (46%)
- Green (61%)
- Blue (57%)



- Red (46%)
- Yellow (55%)
- Blue (61%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (54%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3034, 29.3386, 31.1700 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 24.3034, 29.3386, 31.1700 by changing the saturation by 10% instead.

■ 24.3034, 29.3386,
31.1700

■ 24.3034, 29.3386,
31.1700

266.7629,
298.8092, 321.6962

■ 15.6848, 19.3371,
20.4688

■ 49.9759, 58.6146,
62.5903

■ 9.3908, 11.9141,
12.5488

■ 67.7606, 78.6580,
84.1465

■ 5.0561, 6.6852,
6.9915

■ 89.3313, 102.8174,
110.1581

■ 2.3153, 3.2660,
3.3784

115.0533,
131.4772, 141.0437

■ 0.8025, 1.2722,
1.2910

145.2922,
165.0219, 177.2217

■ 0.0000, 0.1195,
0.0544

180.4132,

■ 0.0000, 0.0000,

203.8359, 219.1108

0.0000

220.7816,
248.3036, 267.1294

■ 24.3034, 29.3386,
31.1700

■ 24.3034, 29.3386,
31.1700

■ 22.0520, 28.2154,
29.4095

■ 26.9143, 30.6473,
33.0108

■ 20.1407, 27.2653,
27.7258

■ 29.8980, 32.1461,
34.9313

■ 18.5517, 26.4801,
26.1181

■ 33.2704, 33.8437,
36.9335

■ 17.2650, 25.8494,
24.5848

■ 37.0453, 35.7476,
39.0187

■ 16.2578, 25.3615,
23.1240

■ 41.2363, 37.8644,
41.1881

■ 15.5045, 25.0031,
21.7340

■ 45.8559, 40.2008,
43.4429

■ 14.9741, 24.7584,
20.4124

■ 50.9165, 42.7630,
45.7844

■ 14.7083, 24.6384,
19.6337

■ 56.4296, 45.5571,
48.2136

■ 61.4791, 48.1107,
50.6883

Harmonies

Analogous

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



24.8906, 29.3386, 26.2751



24.3034, 29.3386, 31.1700



24.6386, 29.3386, 36.8677

Triad

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



24.3034, 29.3386, 31.1700



29.5552, 29.3386, 42.6415



30.0490, 29.3386, 23.8425

Complementary

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



24.3034, 29.3386, 31.1700



23.8933, 21.4847, 23.3110

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.



31.4057, 29.3386, 27.4808



24.3034, 29.3386, 31.1700



31.1114, 29.3386, 38.3764

Square

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



24.3034, 29.3386, 31.1700



27.6136, 29.3386, 43.9238



31.8033, 29.3386, 32.7322



28.1591, 29.3386, 22.3694

Rectangle

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



24.3034, 29.3386, 31.1700



25.3488, 29.3386, 40.3026



31.8033, 29.3386, 32.7322



30.5859, 29.3386, 24.8305

Sweetspot

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



24.3042, 29.3398, 31.1707



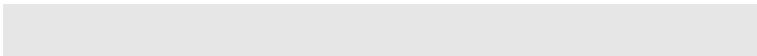
51.7219, 56.6527, 61.4165



23.9673, 29.3788, 21.5475



11.6414, 12.7901, 13.8596



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3042, 29.3398, 31.1707



41.1511, 51.3563, 54.0078



23.8197, 27.0815, 34.9836



6.3133, 6.9980, 7.5732



11.8297, 19.7953, 15.8558



0.1917, 0.3019, 0.3153

Inverse Universe

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



23.8933, 21.4847, 23.3110



40.2780, 34.6308, 37.2813



24.2515, 23.2034, 20.3405



6.2740, 6.2488, 6.8229



11.2058, 5.7366, 2.3430



0.1812, 0.0912, 0.1070

Previews

White Background



This preview shows how the XYZ color 24.3034, 29.3386, 31.1700 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3034, 29.3386, 31.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

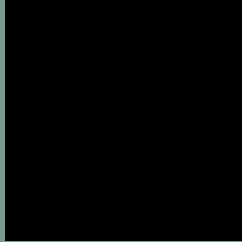
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

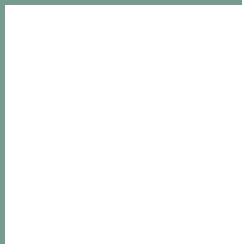
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3034, 29.3386, 31.1700

Background



This preview shows how black text looks on a background with the XYZ color 24.3034, 29.3386, 31.1700.

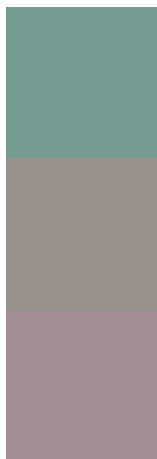


This preview shows how white text looks on a background with the XYZ color 24.3034, 29.3386,

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

24.3034, 29.3386, 31.1700

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.7162, 29.0612, 32.0601



Tritanopia

25.9551, 29.2744, 39.4045

Trichromacy



Original Color

24.3034, 29.3386, 31.1700

Protanomaly

26.2774, 28.9369, 29.7916

Deuteranomaly

27.3772, 28.9938, 31.7572

Tritanomaly

25.3622, 29.2817, 36.2135

Monochromacy



Original Color

24.3034, 29.3386, 31.1700

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2993, 27.9494, 30.4469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3034, 29.3386, 31.1700 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(118, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 155, 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(118, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 155, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.3034, 29.3386, 31.1700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

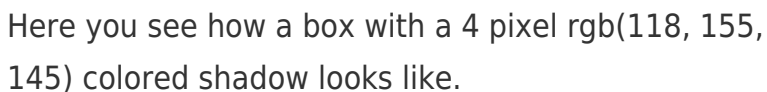
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 155, 145) }
```


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

```
.border{ border-color:rgb(118, 155, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 155, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 155, 145); box-shadow:4px 4px 4px 4px rgb(118, 155, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3034, 29.3386, 31.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 155, 145) }
```

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

```
.background{ background-color: rgb(118,  
155, 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](#).

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