

Converting Colors

XYZ(24.3156, 26.6309, 31.2343)

Have a look what the booklet for
XYZ(24.3156, 26.6309, 31.2343)
contains.

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Color

**XYZ(24.3675, 26.7677,
31.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	829092
RGB	130, 144, 146
RGB Percent	51%, 56%, 57%
CMY	0.4902, 0.4353, 0.4274
CMYK	0.11, 0.01, 0.00, 0.43
HSL	187°, 7%, 54%
HSV	187°, 11%, 57%
XYZ	24.3675, 26.7677, 31.0765
YIQ	140.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

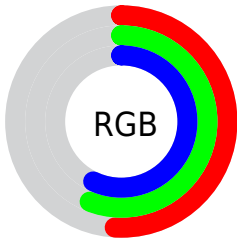
Format	Color
R_{YB}	130, 137, 146
Decimal	8556690
CIE _{Lab}	58.76, -4.60, -2.79
CIE _{LCh}	59, 5.379, 211.194
Yxy	26.7677, 0.2964, 0.3256
Android (android.graphics.Color)	4286746770 (0xFF829092)
YUV	140.0420, 2.9373, -8.8068
Hunter-Lab	51.7375, -6.4701, 0.6033

Details

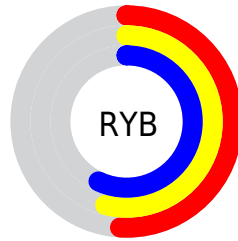
The XYZ color **24.3675, 26.7677, 31.0765** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1347, 24.2251, 24.5234**, and the grayscale version is **24.9357, 26.2343, 28.5691**.

A 20% lighter version of the original color is **50.1478, 54.6256, 62.5443**, and **9.5074, 10.5993, 12.6111** is the 20% darker color. If you saturate the color by 10%, you get **22.0114, 25.1472, 30.8883**, and if you desaturate by 10%, it is **27.0474, 28.5632, 31.2822**.

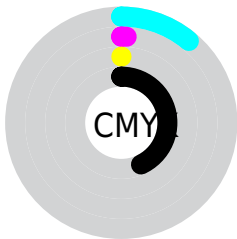
Distribution



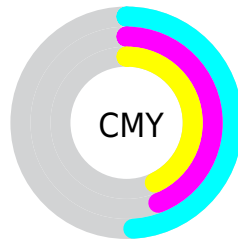
- Red (51%)
- Green (56%)
- Blue (57%)



- Red (51%)
- Yellow (54%)
- Blue (57%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3675, 26.7677, 31.0765 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 24.3675, 26.7677, 31.0765 by changing the saturation by 10% instead.

■ 24.3675, 26.7677,
31.0765

■ 24.3675, 26.7677,
31.0765

267.0793,
286.5306, 321.2527

■ 15.7327, 17.3988,
20.3982

■ 50.0796, 54.5109,
62.4415

■ 9.4248, 10.5193,
12.4979

■ 67.8875, 73.6540,
83.9652

■ 5.0786, 5.7446,
6.9571

■ 89.4839, 96.8239,
109.9411

■ 2.3287, 2.6904,
3.3572

115.2340,
124.4052, 140.7878

■ 0.8093, 0.9723,
1.2798

145.5033,
156.7821, 176.9237

■ 0.0000, 0.0000,
0.0451

180.6570,

■ 0.0000, 0.0000,

194.3390, 218.7675

0.0000

221.0606,
237.4604, 266.7377

■ 24.3675, 26.7677,
31.0765

■ 24.3675, 26.7677,
31.0765

■ 22.0114, 25.1472,
30.8883

■ 27.0474, 28.5632,
31.2822

■ 19.9634, 23.6914,
30.7153

■ 30.0614, 30.5368,
31.5043

■ 18.2101, 22.3941,
30.5573

■ 33.4220, 32.6958,
31.7439

■ 16.7360, 21.2473,
30.4136

■ 37.1407, 35.0461,
32.0016

■ 15.5243, 20.2422,
30.2835

■ 41.2280, 37.5932,
32.2778

■ 14.5563, 19.3692,
30.1660

■ 45.6944, 40.3424,
32.5731

■ 13.8108, 18.6174,
30.0602

■ 50.5497, 43.2990,
32.8878

■ 13.2631, 17.9739,
29.9648

■ 55.8035, 46.4678,
33.2226

■ 12.8779, 17.4543,
29.8848

■ 59.0703, 48.6191,
33.4656

Harmonies

Analogous

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



24.1892, 26.7677, 29.2216



24.3675, 26.7677, 31.0765



24.8329, 26.7677, 32.4612

Triad

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



24.3675, 26.7677, 31.0765



26.5747, 26.7677, 30.9393



25.4154, 26.7677, 25.6475

Complementary

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



24.3675, 26.7677, 31.0765



24.1347, 24.2251, 24.5234

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.



26.0608, 26.7677, 26.0636



24.3675, 26.7677, 31.0765



26.7371, 26.7677, 29.0695

Square

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



24.3675, 26.7677, 31.0765



26.1075, 26.7677, 32.3796



26.5474, 26.7677, 27.2961



24.7877, 26.7677, 26.1342

Rectangle

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



24.3675, 26.7677, 31.0765



25.2473, 26.7677, 32.9021



26.5474, 26.7677, 27.2961



25.6375, 26.7677, 25.6863

Sweetspot

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



24.3683, 26.7688, 31.0771



46.6723, 49.6967, 55.1061



23.6410, 26.9663, 25.7414



10.3008, 11.0010, 12.2527



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.3683, 26.7688, 31.0771



41.9801, 46.5367, 54.7435



23.2176, 24.4675, 30.6935



5.9030, 6.4400, 7.4017



11.3434, 15.3817, 26.3021



0.1528, 0.2161, 0.3266

Inverse Universe

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



24.8713, 24.0904, 29.7260



43.0420, 40.9217, 51.8825



25.2424, 26.4404, 24.8926



6.0045, 5.8969, 7.1297



13.8527, 6.7461, 18.5032



0.1766, 0.0854, 0.2635

Previews

White Background



This preview shows how the XYZ color 24.3675, 26.7677, 31.0765 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 24.3675, 26.7677, 31.0765 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

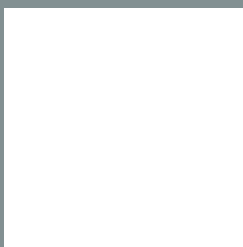
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3675, 26.7677, 31.0765

Background



This preview shows how black text looks on a background with the XYZ color 24.3675, 26.7677, 31.0765.



This preview shows how white text looks on a background with the XYZ color 24.3675, 26.7677,

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

24.3675, 26.7677, 31.0765

Protanopia

25.7398, 26.6094, 30.1651

Deuteranopia

27.1610, 26.6733, 31.3207



Tritanopia

25.0153, 26.8033, 34.4270

Trichromacy



Original Color

24.3675, 26.7677, 31.0765

Protanomaly

25.1169, 26.4974, 30.5788

Deuteranomaly

26.1461, 26.7920, 31.3971

Tritanomaly

24.7684, 26.7046, 33.1272

Monochromacy



Original Color

24.3675, 26.7677, 31.0765

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5607, 26.2370, 29.3609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3675, 26.7677, 31.0765 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(130, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 146)  
}
```

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(130, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.3675, 26.7677, 31.0765 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(130, 144, 146) }
```


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

```
.border{ border-color:rgb(130, 144, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 144,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3675, 26.7677, 31.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 146) }
```

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

```
.background{ background-color: rgb(130,  
144, 146) }
```

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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