

Converting Colors

XYZ(26.0142, 32.7045, 31.7362)

Have a look what the booklet for
XYZ(26.0142, 32.7045, 31.7362)
contains.

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Color

**XYZ(26.0372, 32.8062,
31.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	76A591
RGB	118, 165, 145
RGB Percent	46%, 65%, 57%
CMY	0.5372, 0.3529, 0.4314
CMYK	0.28, 0.00, 0.12, 0.35
HSL	154°, 21%, 55%
HSV	154°, 28%, 65%
XYZ	26.0372, 32.8062, 31.7480
YIQ	148.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

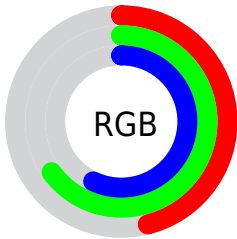
Format	Color
RYB	118, 148, 165
Decimal	7775633
CIELab	64.00, -20.11, 5.32
CIElCh	64, 20.804, 165.197
Yxy	32.8062, 0.2874, 0.3621
Android (android.graphics.Color)	4285965713 (0xFF76A591)
YUV	148.6670, -1.8078, -26.8950
Hunter-Lab	57.2767, -19.0906, 7.2297

Details

The XYZ color **26.0372, 32.8062, 31.7480** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5841, 22.7920, 27.0443**, and the grayscale version is **28.4418, 29.9230, 32.5861**.

A 20% lighter version of the original color is **52.6966, 63.9678, 63.6025**, and **10.3546, 13.8654, 12.9570** is the 20% darker color. If you saturate the color by 10%, you get **23.4648, 31.5416, 28.8884**, and if you desaturate by 10%, it is **29.0369, 34.2889, 34.8038**.

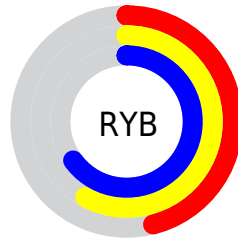
Distribution



Red (46%)

Green (65%)

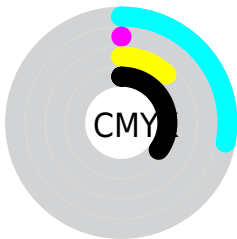
Blue (57%)



Red (46%)

Yellow (58%)

Blue (65%)

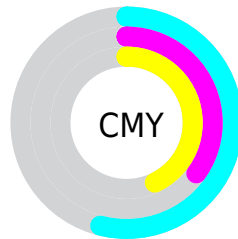


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0372, 32.8062, 31.7480 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 26.0372, 32.8062, 31.7480 by changing the saturation by 10% instead.

■ 26.0372, 32.8062,
31.7480

■ 26.0372, 32.8062,
31.7480

275.2180,
314.7756, 324.4270

■ 16.9843, 21.9780,
20.9059

■ 52.7658, 64.0728,
63.5091

■ 10.3185, 13.8408,
12.8646

■ 71.1723, 85.2801,
85.2652

■ 5.6745, 8.0100,
7.2058

■ 93.4273, 110.7158,
111.4964

■ 2.6870, 4.1013,
3.5107

119.8962,
140.7644, 142.6211

■ 0.9905, 1.7304,
1.3610

150.9443,
175.8103, 179.0580

■ 0.0000, 0.4432,
0.1110

186.9371,

■ 0.0000, 0.0000,

216.2379, 221.2256

0.0000

228.2399,
262.4315, 269.5424

■ 26.0372, 32.8062,
31.7480

■ 26.0372, 32.8062,
31.7480

■ 23.4648, 31.5416,
28.8884

■ 29.0369, 34.2889,
34.8038

■ 21.2960, 30.4804,
26.2185

■ 32.4806, 35.9958,
38.0574

■ 19.5087, 29.6121,
23.7350

■ 36.3876, 37.9375,
41.5134

■ 18.0778, 28.9239,
21.4331

■ 40.7750, 40.1228,
45.1756

■ 16.9746, 28.4011,
19.3083

■ 45.6593, 42.5601,
49.0476

■ 16.1660, 28.0266,
17.3554

■ 51.0559, 45.2573,
53.1328

■ 15.5914, 27.7694,
15.5680

■ 56.9798, 48.2221,
57.4346

■ 15.5115, 27.7338,
15.3109

■ 63.4450, 51.4617,
61.9564

■ 66.1053, 52.7354,
66.4973

Harmonies

Analogous

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



27.3460, 32.8062, 25.4987



26.0372, 32.8062, 31.7480



26.0461, 32.8062, 40.1269

Triad

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



26.0372, 32.8062, 31.7480



32.6842, 32.8062, 53.6980



35.3296, 32.8062, 25.4360

Complementary

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



26.0372, 32.8062, 31.7480



26.5841, 22.7920, 27.0443

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.



36.9507, 32.8062, 31.6489



26.0372, 32.8062, 31.7480



35.3594, 32.8062, 48.3630

Square

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



26.0372, 32.8062, 31.7480



29.7615, 32.8062, 53.7357



36.9619, 32.8062, 40.0110



32.6455, 32.8062, 22.2621

Rectangle

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



26.0372, 32.8062, 31.7480



26.7932, 32.8062, 45.8696



36.9619, 32.8062, 40.0110



36.0241, 32.8062, 27.1909

Sweetspot

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



26.0381, 32.8076, 31.7487



57.7228, 64.2422, 67.7477



27.2683, 33.6544, 22.1987



12.4232, 13.9473, 14.6302



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.0381, 32.8076, 31.7487



43.7139, 57.3174, 53.6724



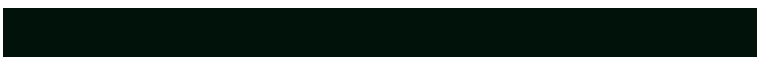
27.1607, 32.3633, 40.4142



7.1481, 7.9600, 8.3914



11.7595, 20.9901, 11.7159



0.2701, 0.4502, 0.3671

Inverse Universe

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



26.5841, 22.7920, 27.0443



44.8513, 36.4785, 43.8907



25.6417, 23.0153, 20.2309



7.1930, 7.1337, 8.0028



12.6044, 6.3978, 5.1072



0.2883, 0.1438, 0.2307

Previews

White Background



This preview shows how the XYZ color 26.0372, 32.8062, 31.7480 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 26.0372, 32.8062, 31.7480 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 26.0372, 32.8062, 31.7480

Background



This preview shows how black text looks on a background with the XYZ color 26.0372, 32.8062, 31.7480.



This preview shows how white text looks on a background with the XYZ color 26.0372, 32.8062,

31.7480.

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

26.0372, 32.8062, 31.7480

Protanopia

30.9137, 32.5523, 29.0800

Deuteranopia

33.1060, 32.4037, 32.5266



Tritanopia

28.6970, 32.8308, 44.8689

Trichromacy



Original Color

26.0372, 32.8062, 31.7480

Protanomaly

28.7116, 32.3965, 29.9392

Deuteranomaly

29.9367, 32.2247, 32.2459

Tritanomaly

27.5572, 32.6226, 39.4947

Monochromacy



Original Color

26.0372, 32.8062, 31.7480

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5479, 30.9841, 32.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0372, 32.8062, 31.7480 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 165, 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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.0372, 32.8062, 31.7480 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, 165, 145) }
```


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

```
.border{ border-color:rgb(118, 165, 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, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 165,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0372, 32.8062, 31.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 165, 145) }
```

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

```
.background{ background-color: rgb(118,  
165, 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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