

Converting Colors

XYZ(26.7415, 30.1101, 37.6604)

Have a look what the booklet for
XYZ(26.7415, 30.1101, 37.6604)
contains.

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Color

**XYZ(26.8029, 30.2385,
37.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	809AA0
RGB	128, 154, 160
RGB Percent	50%, 60%, 63%
CMY	0.4980, 0.3961, 0.3725
CMYK	0.20, 0.04, 0.00, 0.37
HSL	191°, 14%, 56%
HSV	191°, 20%, 63%
XYZ	26.8029, 30.2385, 37.6817
YIQ	146.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

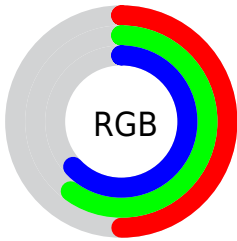
Format	Color
RYB	128, 142, 160
Decimal	8428192
CIELab	61.86, -7.72, -6.18
CIELCh	62, 9.886, 218.667
Yxy	30.2385, 0.2830, 0.3192
Android (android.graphics.Color)	4286618272 (0xFF809AA0)
YUV	146.9100, 6.4534, -16.5841
Hunter-Lab	54.9895, -9.2276, -2.1359

Details

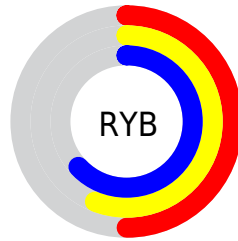
The XYZ color **26.8029, 30.2385, 37.6817** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9189, 26.0824, 24.0384**, and the grayscale version is **27.6761, 29.1174, 31.7088**.

A 20% lighter version of the original color is **53.8777, 59.8418, 73.0009**, and **10.7525, 12.4243, 16.2994** is the 20% darker color. If you saturate the color by 10%, you get **24.0949, 28.1176, 37.4155**, and if you desaturate by 10%, it is **29.9046, 32.5823, 37.9711**.

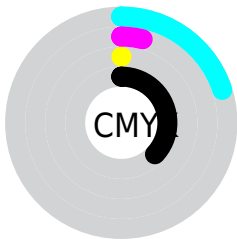
Distribution



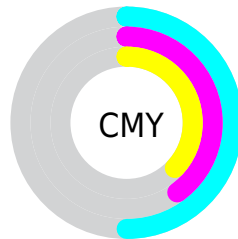
- Red (50%)
- Green (60%)
- Blue (63%)



- Red (50%)
- Yellow (56%)
- Blue (63%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8029, 30.2385, 37.6817 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 26.8029, 30.2385, 37.6817 by changing the saturation by 10% instead.

■ 26.8029, 30.2385,
37.6817

■ 26.8029, 30.2385,
37.6817

278.8865,
303.0146, 351.5097

■ 17.5611, 20.0197,
25.4358

■ 53.9895, 60.0391,
72.8180

■ 10.7331, 12.4094,
16.1801

■ 72.6651, 80.3898,
96.5455

■ 5.9536, 7.0231,
9.4959

■ 95.2159, 104.8865,
124.9373

■ 2.8573, 3.4766,
4.9649

122.0073,
133.9136, 158.4120

■ 1.0787, 1.3853,
2.1683

153.4047,
167.8556, 197.3880

■ 0.0072, 0.2059,
0.6560

189.7735,

■ 0.0000, 0.0000,

207.0968, 242.2839

0.0000

231.4790,
252.0217, 293.5183

■ 26.8029, 30.2385,
37.6817

■ 26.8029, 30.2385,
37.6817

■ 24.0949, 28.1176,
37.4155

■ 29.9046, 32.5823,
37.9711

■ 21.7600, 26.2064,
37.1697

■ 33.4139, 35.1540,
38.2825

■ 19.7800, 24.4963,
36.9440

■ 37.3475, 37.9630,
38.6174

■ 18.1338, 22.9763,
36.7374

■ 41.7202, 41.0171,
38.9764

■ 16.7980, 21.6341,
36.5487

■ 46.5461, 44.3237,
39.3603

■ 15.7464, 20.4561,
36.3767

■ 51.8386, 47.8899,
39.7697

■ 14.9479, 19.4261,
36.2200

■ 57.6107, 51.7224,
40.2053

■ 14.3294, 18.5063,
36.0751

■ 63.5048, 55.6371,
40.6502

■ 14.3293, 18.5063,
36.0751

■ 64.1080, 56.8437,
40.8513

Harmonies

Analogous

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



26.3023, 30.2385, 34.0329



26.8029, 30.2385, 37.6817



27.8266, 30.2385, 40.1757

Triad

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



26.8029, 30.2385, 37.6817



31.1722, 30.2385, 35.6424



28.3598, 30.2385, 26.2443

Complementary

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



26.8029, 30.2385, 37.6817



26.9189, 26.0824, 24.0384

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.



29.6747, 30.2385, 26.6031



26.8029, 30.2385, 37.6817



31.3255, 30.2385, 31.8406

Square

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



26.8029, 30.2385, 37.6817



30.3571, 30.2385, 38.9370



30.7699, 30.2385, 28.5857



27.1829, 30.2385, 27.5653

Rectangle

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



26.8029, 30.2385, 37.6817



28.6817, 30.2385, 40.7453



30.7699, 30.2385, 28.5857



28.7999, 30.2385, 26.1747

Sweetspot

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



26.8038, 30.2397, 37.6824



56.6823, 60.9224, 69.1583



25.7673, 31.4489, 27.2184



12.3492, 13.3008, 15.1601



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8038, 30.2397, 37.6824



46.3858, 53.1375, 68.1983



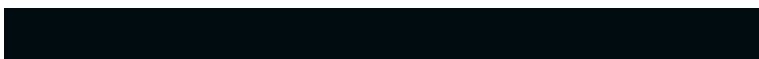
24.3555, 25.3432, 36.8663



6.7161, 7.2980, 8.4614



11.1921, 14.4757, 28.1114



0.2252, 0.3089, 0.5110

Inverse Universe

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



28.0499, 25.2458, 33.9678



49.0960, 42.4931, 60.0704



29.2792, 30.8029, 24.8251



6.8508, 6.7332, 8.0654



14.4475, 7.0835, 17.1391



0.2710, 0.1317, 0.3730

Previews

White Background



This preview shows how the XYZ color 26.8029, 30.2385, 37.6817 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 26.8029, 30.2385, 37.6817 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

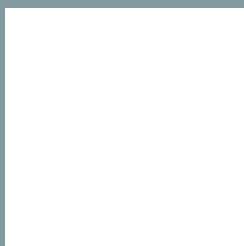
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8029, 30.2385, 37.6817

Background



This preview shows how black text looks on a background with the XYZ color 26.8029, 30.2385, 37.6817.



This preview shows how white text looks on a background with the XYZ color 26.8029, 30.2385,

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

26.8029, 30.2385, 37.6817

Protanopia

29.2534, 30.0982, 36.1660

Deuteranopia

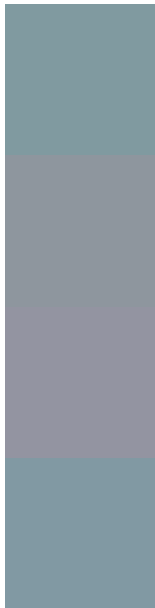
30.7475, 30.1285, 38.3772



Tritanopia

27.2360, 30.1662, 39.9845

Trichromacy



Original Color

26.8029, 30.2385, 37.6817

Protanomaly

28.2332, 30.0321, 36.6565

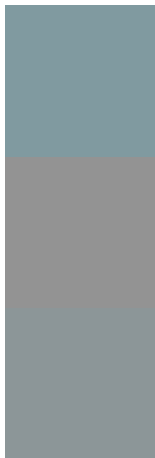
Deuteranomaly

29.0555, 29.9561, 37.9689

Tritanomaly

27.0554, 30.0939, 39.0331

Monochromacy



Original Color

26.8029, 30.2385, 37.6817

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3891, 29.6551, 33.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8029, 30.2385, 37.6817 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(128, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 154, 160)  
}
```

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(128, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 154, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.8029, 30.2385, 37.6817 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(128, 154, 160) }
```


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

```
.border{ border-color:rgb(128, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 154,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8029, 30.2385, 37.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 154, 160) }
```

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

```
.background{ background-color: rgb(128,  
154, 160) }
```

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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