

Converting Colors

XYZ(26.7868, 30.6792, 43.3735)

Have a look what the booklet for
XYZ(26.7868, 30.6792, 43.3735)
contains.

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Color

**XYZ(26.8061, 30.6070,
43.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	769CAC
RGB	118, 156, 172
RGB Percent	46%, 61%, 67%
CMY	0.5372, 0.3882, 0.3255
CMYK	0.31, 0.09, 0.00, 0.33
HSL	198°, 25%, 57%
HSV	198°, 31%, 67%
XYZ	26.8061, 30.6070, 43.5246
YIQ	146.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

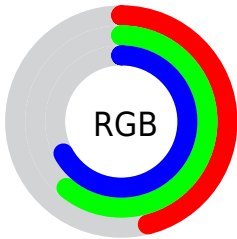
Format	Color
RYB	118, 140, 172
Decimal	7773356
CIELab	62.17, -9.06, -12.55
CIElCh	62, 15.477, 234.153
Yxy	30.6070, 0.2656, 0.3032
Android (android.graphics.Color)	4285963436 (0xFF769CAC)
YUV	146.4620, 12.5902, -24.9612
Hunter-Lab	55.3236, -10.3272, -7.9186

Details

The XYZ color **26.8061, 30.6070, 43.5246** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8089, 27.1294, 20.8586**, and the grayscale version is **27.4701, 28.9007, 31.4728**.

A 20% lighter version of the original color is **53.9250, 60.4099, 81.4912**, and **10.7565, 12.6525, 19.6446** is the 20% darker color. If you saturate the color by 10%, you get **23.8429, 27.8372, 43.1467**, and if you desaturate by 10%, it is **30.2330, 33.6706, 43.9358**.

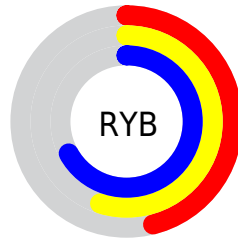
Distribution



Red (46%)

Green (61%)

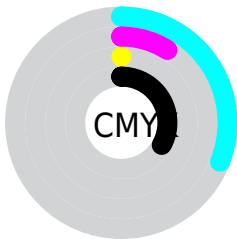
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

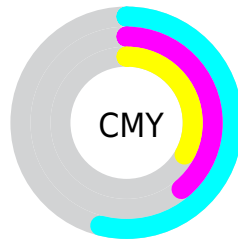


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8061, 30.6070, 43.5246 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 26.8061, 30.6070, 43.5246 by changing the saturation by 10% instead.

■ 26.8061, 30.6070,
43.5246

■ 26.8061, 30.6070,
43.5246

278.9018,
304.7237, 376.7492

■ 17.5635, 20.2998,
29.9625

■ 53.9947, 60.6208,
81.7967

■ 10.7348, 12.6131,
19.5583

■ 72.6713, 81.0962,
107.3438

■ 5.9548, 7.1627,
11.8935

■ 95.2233, 105.7297,
137.7230

■ 2.8580, 3.5641,
6.5495

122.0161,
134.9058, 173.3529

■ 1.0791, 1.4328,
3.1079

153.4150,
169.0088, 214.6518

■ 0.0075, 0.2407,
1.1500

189.7853,

■ 0.0000, 0.0000,

208.4232, 262.0385

0.0000

231.4925,
253.5334, 315.9315

■ 26.8061, 30.6070,
43.5246

■ 26.8061, 30.6070,
43.5246

■ 23.8429, 27.8372,
43.1467

■ 30.2330, 33.6706,
43.9358

■ 21.3169, 25.3446,
42.7987

■ 34.1426, 37.0362,
44.3794

■ 19.2034, 23.1167,
42.4800

■ 38.5563, 40.7162,
44.8571

■ 17.4735, 21.1378,
42.1893

■ 43.4932, 44.7211,
45.3699

■ 16.0946, 19.3905,
41.9247

■ 48.9714, 49.0608,
45.9188

■ 15.0281, 17.8541,
41.6843

■ 55.0083, 53.7447,
46.5047

■ 14.2889, 16.6634,
41.4935

■ 61.6203, 58.7821,
47.1286

■ 68.6006, 64.0669,
47.7807

■ 69.7756, 66.4169,
48.1724

Harmonies

Analogous

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



25.5845, 30.6070, 38.2474



26.8061, 30.6070, 43.5246



28.6846, 30.6070, 46.1006

Triad

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



26.8061, 30.6070, 43.5246



33.2638, 30.6070, 34.5091



27.4815, 30.6070, 23.9098

Complementary

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



26.8061, 30.6070, 43.5246



28.8089, 27.1294, 20.8586

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.



29.5013, 30.6070, 23.1602



26.8061, 30.6070, 43.5246



32.9041, 30.6070, 28.8456

Square

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



26.8061, 30.6070, 43.5246



32.4628, 30.6070, 40.5112



31.5023, 30.6070, 24.8594



25.9612, 30.6070, 27.0447

Rectangle

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



26.8061, 30.6070, 43.5246



30.0822, 30.6070, 45.7431



31.5023, 30.6070, 24.8594



28.1218, 30.6070, 23.3875

Sweetspot

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



26.8070, 30.6082, 43.5253



63.6462, 68.6288, 80.6979



26.4789, 35.0590, 27.6715



13.5957, 14.7157, 17.5115



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.



26.8070, 30.6082, 43.5253



44.6325, 51.8131, 78.4543



22.8612, 22.7166, 42.2100



8.0329, 8.6652, 10.2019



10.6826, 12.4990, 30.8940



0.3417, 0.4367, 0.8743

Inverse Universe

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



29.4932, 24.1287, 34.5566



50.4404, 38.5435, 58.8969



32.9068, 35.3251, 22.2245



8.2344, 8.1070, 9.5453



15.2557, 7.5648, 14.2579



0.4469, 0.2194, 0.5149

Previews

White Background



This preview shows how the XYZ color 26.8061, 30.6070, 43.5246 looks on a white background.

Color Contrast Check

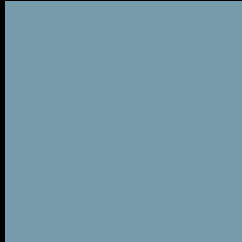
Large Text (above 18pt) WCAG AA × Fail

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 26.8061, 30.6070, 43.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

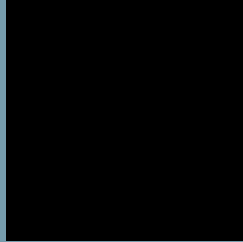
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8061, 30.6070, 43.5246

Background



This preview shows how black text looks on a background with the XYZ color 26.8061, 30.6070, 43.5246.



This preview shows how white text looks on a background with the XYZ color 26.8061, 30.6070,

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

26.8061, 30.6070, 43.5246

Protanopia

29.7551, 30.4880, 40.8757

Deuteranopia

31.0557, 30.3861, 44.2727



Tritanopia

26.3860, 30.4234, 42.0177

Trichromacy



Original Color

26.8061, 30.6070, 43.5246

Protanomaly

28.5430, 30.5553, 41.9295

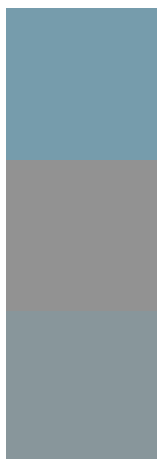
Deuteranomaly

29.2644, 30.4053, 43.8616

Tritanomaly

26.4803, 30.4611, 42.5141

Monochromacy



Original Color

26.8061, 30.6070, 43.5246

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9761, 29.4135, 35.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8061, 30.6070, 43.5246 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, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(118, 156, 172)  
}
```

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, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 156, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.8061, 30.6070, 43.5246 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, 156, 172) }
```


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

```
.border{ border-color:rgb(118, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(118, 156,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8061, 30.6070, 43.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 156, 172) }
```

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

```
.background{ background-color: rgb(118,  
156, 172) }
```

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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