

Converting Colors

XYZ(26.3388, 30.3098, 42.8593)

Have a look what the booklet for
XYZ(26.3388, 30.3098, 42.8593)
contains.

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Color

**XYZ(26.4416, 30.4302,
43.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	749CAB
RGB	116, 156, 171
RGB Percent	45%, 61%, 67%
CMY	0.5451, 0.3882, 0.3294
CMYK	0.32, 0.09, 0.00, 0.33
HSL	196°, 25%, 56%
HSV	196°, 32%, 67%
XYZ	26.4416, 30.4302, 43.0081
YIQ	145.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

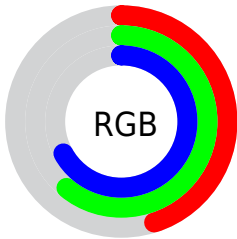
Format	Color
RYB	116, 139, 171
Decimal	7642283
CIELab	62.02, -9.91, -12.22
CIElCh	62, 15.731, 230.970
Yxy	30.4302, 0.2647, 0.3047
Android (android.graphics.Color)	4285832363 (0xFF749CAB)
YUV	145.7500, 12.4482, -26.0907
Hunter-Lab	55.1636, -10.9757, -7.6108

Details

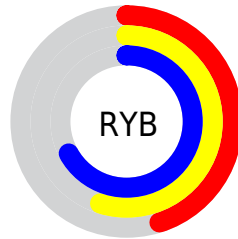
The XYZ color **26.4416, 30.4302, 43.0081** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0637, 26.1518, 20.0924**, and the grayscale version is **27.1791, 28.5945, 31.1395**.

A 20% lighter version of the original color is **53.5993, 60.6256, 80.8284**, and **10.5613, 12.5589, 19.3202** is the 20% darker color. If you saturate the color by 10%, you get **23.6071, 27.8302, 42.6562**, and if you desaturate by 10%, it is **29.7264, 33.3084, 43.3910**.

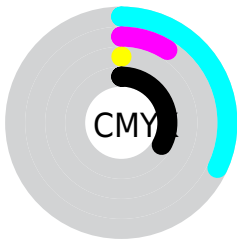
Distribution



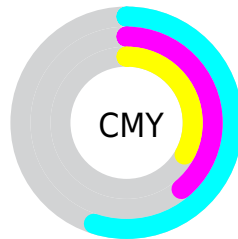
- Red (45%)
- Green (61%)
- Blue (67%)



- Red (45%)
- Yellow (55%)
- Blue (67%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4416, 30.4302, 43.0081 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 26.4416, 30.4302, 43.0081 by changing the saturation by 10% instead.

■ 26.4416, 30.4302,
43.0081

■ 26.4416, 30.4302,
43.0081

277.1603,
303.9046, 374.5673

■ 17.2887, 20.1654,
29.5600

■ 53.4127, 60.3419,
81.0096

■ 10.5371, 12.5153,
19.2557

■ 71.9617, 80.7574,
106.4000

■ 5.8215, 7.0956,
11.6765

■ 94.3734, 105.3254,
136.6084

■ 2.7765, 3.5220,
6.4039

121.0132,
134.4301, 172.0532

■ 1.0367, 1.4099,
3.0195

152.2464,
168.4560, 213.1529

■ 0.0000, 0.2240,
1.1046

188.4384,

■ 0.0000, 0.0000,

207.7875, 260.3261

0.0000

229.9546,
252.8089, 313.9914

■ 26.4416, 30.4302,
43.0081

■ 26.4416, 30.4302,
43.0081

■ 23.6071, 27.8302,
42.6562

■ 29.7264, 33.3084,
43.3910

■ 21.1968, 25.4923,
42.3319

■ 33.4804, 36.4728,
43.8040

■ 19.1861, 23.4040,
42.0348

■ 37.7245, 39.9355,
44.2486

■ 17.5465, 21.5501,
41.7634

■ 42.4776, 43.7066,
44.7260

■ 16.2457, 19.9134,
41.5161

■ 47.7577, 47.7958,
45.2370

■ 15.2450, 18.4735,
41.2909

■ 53.5817, 52.2124,
45.7826

■ 14.6048, 17.4483,
41.1267

■ 59.9658, 56.9652,
46.3635

■ 66.9254, 62.0625,
46.9805

■ 68.7784, 64.5756,
47.3679

Harmonies

Analogous

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



25.2962, 30.4302, 37.4697



26.4416, 30.4302, 43.0081



28.2906, 30.4302, 45.9901

Triad

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



26.4416, 30.4302, 43.0081



33.1195, 30.4302, 34.9915



27.4947, 30.4302, 23.4212

Complementary

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



26.4416, 30.4302, 43.0081



28.0637, 26.1518, 20.0924

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.



29.5647, 30.4302, 22.9282



26.4416, 30.4302, 43.0081



32.8809, 30.4302, 29.1451

Square

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



26.4416, 30.4302, 43.0081



32.1918, 30.4302, 41.0056



31.5550, 30.4302, 24.8991



25.8833, 30.4302, 26.3391

Rectangle

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



26.4416, 30.4302, 43.0081



29.7022, 30.4302, 45.9052



31.5550, 30.4302, 24.8991



28.1575, 30.4302, 22.9817

Sweetspot

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



26.4425, 30.4314, 43.0088



61.3994, 66.5086, 78.6032



25.8402, 34.4691, 26.6465



13.4710, 14.6490, 17.5052



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.



26.4425, 30.4314, 43.0088



43.4619, 50.9492, 76.5454



22.3822, 22.3107, 41.6553



8.0489, 8.6971, 10.2072



11.0551, 13.2441, 31.0182



0.3499, 0.4531, 0.8770

Inverse Universe

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



29.0415, 23.5498, 34.4687



49.0107, 37.0147, 58.1422



32.2029, 34.4302, 21.4721



8.2425, 8.1102, 9.5876



15.4438, 7.6401, 15.2482



0.4510, 0.2211, 0.5367

Previews

White Background



This preview shows how the XYZ color 26.4416, 30.4302, 43.0081 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 26.4416, 30.4302, 43.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

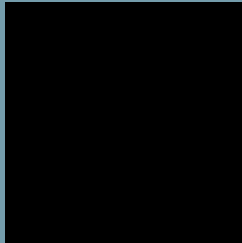
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4416, 30.4302, 43.0081

Background



This preview shows how black text looks on a background with the XYZ color 26.4416, 30.4302, 43.0081.



This preview shows how white text looks on a background with the XYZ color 26.4416, 30.4302,

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

26.4416, 30.4302, 43.0081

Protanopia

29.5055, 30.1360, 40.3381

Deuteranopia

30.9586, 30.3472, 43.7611



Tritanopia

26.2524, 30.3545, 42.0115

Trichromacy



Original Color

26.4416, 30.4302, 43.0081

Protanomaly

28.2878, 30.1946, 41.3830

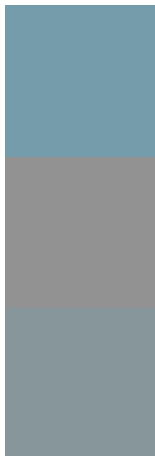
Deuteranomaly

29.1680, 30.3667, 43.3538

Tritanomaly

26.3466, 30.3922, 42.5079

Monochromacy



Original Color

26.4416, 30.4302, 43.0081

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8144, 29.3301, 35.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4416, 30.4302, 43.0081 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(116, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(116, 156, 171)  
}
```

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(116, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 156, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4416, 30.4302, 43.0081 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(116, 156, 171) }
```


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

```
.border{ border-color:rgb(116, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(116, 156,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4416, 30.4302, 43.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 156, 171) }
```

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

```
.background{ background-color: rgb(116,  
156, 171) }
```

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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