

Converting Colors

XYZ(26.4779, 30.6991, 43.0581)

Have a look what the booklet for
XYZ(26.4779, 30.6991, 43.0581)
contains.

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Color

**XYZ(26.4779, 30.6991,
43.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	739DAB
RGB	115, 157, 171
RGB Percent	45%, 62%, 67%
CMY	0.5490, 0.3843, 0.3294
CMYK	0.33, 0.08, 0.00, 0.33
HSL	195°, 25%, 56%
HSV	195°, 33%, 67%
XYZ	26.4779, 30.6991, 43.0581
YIQ	146.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

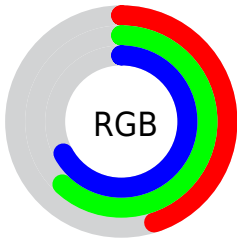
Format	Color
RYB	115, 139, 171
Decimal	7577003
CIELab	62.25, -10.75, -11.88
CIElCh	62, 16.020, 227.877
Yxy	30.6991, 0.2642, 0.3063
Android (android.graphics.Color)	4285767083 (0xFF739DAB)
YUV	146.0380, 12.3063, -27.2203
Hunter-Lab	55.4068, -11.6599, -7.2911

Details

The XYZ color **26.4779, 30.6991, 43.0581** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.7398, 25.5965, 19.6989**, and the grayscale version is **27.2978, 28.7194, 31.2754**.

A 20% lighter version of the original color is **53.6331, 61.0130, 80.9014**, and **10.5982, 12.7300, 19.3513** is the 20% darker color. If you saturate the color by 10%, you get **23.7241, 28.2253, 42.7263**, and if you desaturate by 10%, it is **29.6760, 33.4410, 43.4193**.

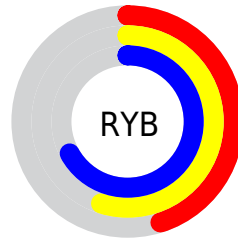
Distribution



Red (45%)

Green (62%)

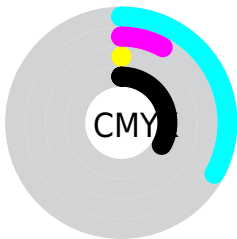
Blue (67%)



Red (45%)

Yellow (55%)

Blue (67%)

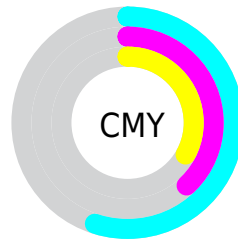


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4779, 30.6991, 43.0581 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 26.4779, 30.6991, 43.0581 by changing the saturation by 10% instead.

■ 26.4779, 30.6991,
43.0581

■ 26.4779, 30.6991,
43.0581

277.3341,
305.1497, 374.7789

■ 17.3161, 20.3698,
29.5990

■ 53.4707, 60.7660,
81.0858

■ 10.5568, 12.6642,
19.2849

■ 72.0325, 81.2725,
106.4915

■ 5.8347, 7.1977,
11.6974

■ 94.4582, 105.9401,
136.7164

■ 2.7846, 3.5860,
6.4180

121.1132,
135.1533, 172.1792

■ 1.0409, 1.4448,
3.0280

152.3630,
169.2964, 213.2982

■ 0.0000, 0.2494,
1.1089

188.5728,

■ 0.0000, 0.0000,

208.7540, 260.4922

0.0000

230.1081,
253.9102, 314.1796

■ 26.4779, 30.6991,
43.0581

■ 26.4779, 30.6991,
43.0581

■ 23.7241, 28.2253,
42.7263

■ 29.6760, 33.4410,
43.4193

■ 21.3885, 26.0035,
42.4205

■ 33.3372, 36.4588,
43.8088

■ 19.4463, 24.0213,
42.1403

■ 37.4825, 39.7646,
44.2284

■ 17.8690, 22.2637,
41.8842

■ 42.1308, 43.3683,
44.6790

■ 16.6240, 20.7133,
41.6505

■ 47.3000, 47.2795,
45.1615

■ 15.6723, 19.3498,
41.4375

■ 53.0071, 51.5074,
45.6768

■ 15.1034, 18.4455,
41.2930

■ 59.2681, 56.0607,
46.2257

■ 66.0987, 60.9476,
46.8089

■ 68.2122, 63.4431,
47.1792

Harmonies

Analogous

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



25.3979, 30.6991, 37.2160



26.4779, 30.6991, 43.0581



28.3141, 30.6991, 46.4712

Triad

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



26.4779, 30.6991, 43.0581



33.4351, 30.6991, 35.9896



27.9208, 30.6991, 23.3265

Complementary

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



26.4779, 30.6991, 43.0581



27.7398, 25.5965, 19.6989

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.



30.0604, 30.6991, 23.0839



26.4779, 30.6991, 43.0581



33.3169, 30.6991, 29.9026

Square

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



26.4779, 30.6991, 43.0581



32.3721, 30.6991, 42.0653



32.0569, 30.6991, 25.3496



26.2023, 30.6991, 26.0590

Rectangle

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



26.4779, 30.6991, 43.0581



29.7521, 30.6991, 46.6623



32.0569, 30.6991, 25.3496



28.6125, 30.6991, 22.9644

Sweetspot

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



26.4788, 30.7003, 43.0588



61.5287, 66.7670, 78.6463



25.5345, 34.3316, 25.7266



13.5036, 14.7141, 17.5161



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.



26.4788, 30.7003, 43.0588



43.9151, 51.8557, 76.6965



22.3954, 22.5334, 41.6977



8.0642, 8.7279, 10.2123



11.4289, 13.9916, 31.1428



0.3579, 0.4692, 0.8797

Inverse Universe

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



29.0119, 23.3545, 34.8785



49.2395, 37.1062, 59.3469



31.7894, 33.6957, 21.0488



8.2502, 8.1133, 9.6285



15.6324, 7.7155, 16.2415



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 26.4779, 30.6991, 43.0581 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 26.4779, 30.6991, 43.0581 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

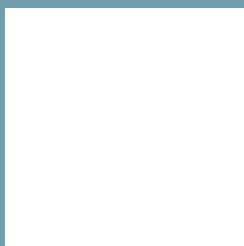
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4779, 30.6991, 43.0581

Background



This preview shows how black text looks on a background with the XYZ color 26.4779, 30.6991, 43.0581.



This preview shows how white text looks on a background with the XYZ color 26.4779, 30.6991,

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

26.4779, 30.6991, 43.0581

Protanopia

29.8431, 30.5440, 40.3991

Deuteranopia

30.9586, 30.3472, 43.7611



Tritanopia

26.3829, 30.6611, 42.5579

Trichromacy



Original Color

26.4779, 30.6991, 43.0581

Protanomaly

28.4495, 30.5179, 41.4369

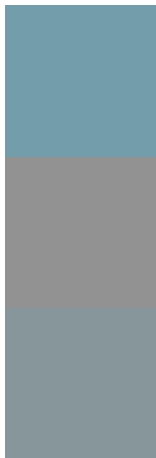
Deuteranomaly

29.0002, 30.2802, 43.3459

Tritanomaly

26.3829, 30.6611, 42.5579

Monochromacy



Original Color

26.4779, 30.6991, 43.0581

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 26.4779, 30.6991, 43.0581 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(115, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(115, 157, 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(115, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 157, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4779, 30.6991, 43.0581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

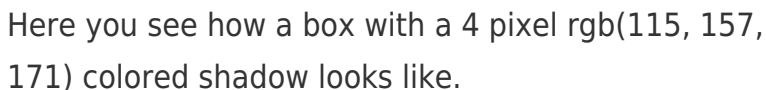
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 157, 171) }
```


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

```
.border{ border-color:rgb(115, 157, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(115, 157,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4779, 30.6991, 43.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 157, 171) }
```

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

```
.background{ background-color: rgb(115,  
157, 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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