

Converting Colors

XYZ(26.0780, 29.5046, 42.8486)

Have a look what the booklet for
XYZ(26.0780, 29.5046, 42.8486)
contains.

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Color

**XYZ(26.0780, 29.5046,
42.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	7599AB
RGB	117, 153, 171
RGB Percent	46%, 60%, 67%
CMY	0.5412, 0.4000, 0.3294
CMYK	0.32, 0.11, 0.00, 0.33
HSL	200°, 24%, 56%
HSV	200°, 32%, 67%
XYZ	26.0780, 29.5046, 42.8486
YIQ	144.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

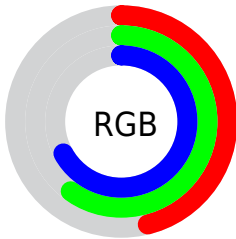
Format	Color
RYB	117, 139, 171
Decimal	7707051
CIELab	61.22, -7.96, -13.42
CIELCh	61, 15.603, 239.305
Yxy	29.5046, 0.2649, 0.2997
Android (android.graphics.Color)	4285897131 (0xFF7599AB)
YUV	144.2880, 13.1690, -23.9316
Hunter-Lab	54.3181, -9.3593, -8.7479

Details

The XYZ color **26.0780, 29.5046, 42.8486** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.6699, 27.2705, 20.5830**, and the grayscale version is **26.5824, 27.9668, 30.4558**.

A 20% lighter version of the original color is **52.6179, 58.6627, 80.5013**, and **10.3279, 11.9929, 19.2233** is the 20% darker color. If you saturate the color by 10%, you get **23.0764, 26.6059, 42.4478**, and if you desaturate by 10%, it is **29.5457, 32.7111, 43.2853**.

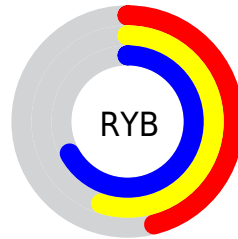
Distribution



Red (46%)

Green (60%)

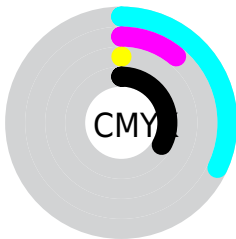
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

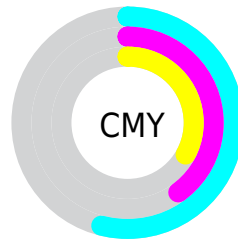


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0780, 29.5046, 42.8486 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 26.0780, 29.5046, 42.8486 by changing the saturation by 10% instead.

■ 26.0780, 29.5046,
42.8486

■ 26.0780, 29.5046,
42.8486

275.4144,
299.5884, 373.8917

■ 17.0150, 19.4629,
29.4358

■ 52.8312, 58.8778,
80.7662

■ 10.3405, 12.0052,
19.1624

■ 71.2520, 78.9782,
106.1082

■ 5.6893, 6.7472,
11.6096

■ 93.5229, 103.2001,
136.2636

■ 2.6960, 3.3045,
6.3592

120.0091,
131.9281, 171.6510

■ 0.9951, 1.2927,
2.9924

151.0760,
165.5465, 212.6890

■ 0.0000, 0.1355,
1.0907

187.0889,

■ 0.0000, 0.0000,

204.4398, 259.7961

0.0000

228.4133,
248.9923, 313.3908

■ 26.0780, 29.5046,
42.8486

■ 26.0780, 29.5046,
42.8486

■ 23.0764, 26.6059,
42.4478

■ 29.5457, 32.7111,
43.2853

■ 20.5148, 23.9986,
42.0795

■ 33.4984, 36.2341,
43.7569

■ 18.3682, 21.6695,
41.7431

■ 37.9575, 40.0860,
44.2654

■ 16.6081, 19.6031,
41.4370

■ 42.9421, 44.2775,
44.8117

■ 15.2022, 17.7816,
41.1596

■ 48.4701, 48.8189,
45.3969

■ 14.1118, 16.1843,
40.9087

■ 54.5588, 53.7198,
46.0220

■ 13.3687, 14.9761,
40.7147

■ 61.2246, 58.9895,
46.6878

■ 68.4832, 64.6369,
47.3953

■ 70.2548, 67.5284,
47.8601

Harmonies

Analogous

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



24.7431, 29.5046, 37.9766



26.0780, 29.5046, 42.8486



27.9954, 29.5046, 44.7935

Triad

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



26.0780, 29.5046, 42.8486



32.1742, 29.5046, 32.2626



26.1570, 29.5046, 23.2491

Complementary

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



26.0780, 29.5046, 42.8486



28.6699, 27.2705, 20.5830

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.



28.0911, 29.5046, 22.1040



26.0780, 29.5046, 42.8486



31.6246, 29.5046, 26.9086

Square

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



26.0780, 29.5046, 42.8486



31.5728, 29.5046, 38.2424



30.1048, 29.5046, 23.3596



24.7871, 29.5046, 26.6983

Rectangle

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



26.0780, 29.5046, 42.8486



29.3673, 29.5046, 44.0066



30.1048, 29.5046, 23.3596



26.7596, 29.5046, 22.6020

Sweetspot

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



26.0789, 29.5058, 42.8493



61.8404, 66.5064, 78.5796



26.2097, 34.6324, 27.8948



13.5473, 14.6189, 17.4954



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.



26.0789, 29.5058, 42.8493



42.8076, 49.1035, 76.2236



22.2639, 21.8758, 41.5776



8.0080, 8.6154, 10.1936



10.1277, 11.3893, 30.7091



0.3293, 0.4119, 0.8701

Inverse Universe

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



28.9064, 23.6812, 33.1856



48.8116, 37.4370, 55.5459



32.7684, 35.4676, 21.9492



8.2219, 8.1020, 9.4791



14.9756, 7.4528, 12.7831



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 26.0780, 29.5046, 42.8486 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0780, 29.5046, 42.8486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

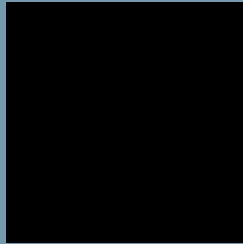
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0780, 29.5046, 42.8486

Background



This preview shows how black text looks on a background with the XYZ color 26.0780, 29.5046, 42.8486.



This preview shows how white text looks on a background with the XYZ color 26.0780, 29.5046,

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

26.0780, 29.5046, 42.8486

Protanopia

28.7555, 29.2771, 40.6947

Deuteranopia

29.9105, 29.3532, 43.6244



Tritanopia

25.6410, 29.5774, 40.4340

Trichromacy



Original Color

26.0780, 29.5046, 42.8486

Protanomaly

27.6468, 29.3904, 41.2616

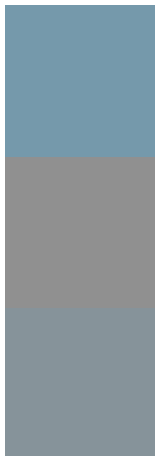
Deuteranomaly

28.1966, 29.1644, 43.1729

Tritanomaly

25.8259, 29.6514, 41.4079

Monochromacy



Original Color

26.0780, 29.5046, 42.8486

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0980, 28.2689, 34.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0780, 29.5046, 42.8486 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(117, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(117, 153, 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(117, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.0780, 29.5046, 42.8486 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(117, 153, 171) }
```


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

```
.border{ border-color:rgb(117, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(117, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0780, 29.5046, 42.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 153, 171) }
```

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

```
.background{ background-color: rgb(117,  
153, 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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