

Converting Colors

XYZ(26.0680, 29.0286, 42.2594)

Have a look what the booklet for
XYZ(26.0680, 29.0286, 42.2594)
contains.

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Color

**XYZ(26.0680, 29.0286,
42.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	7897AA
RGB	120, 151, 170
RGB Percent	47%, 59%, 67%
CMY	0.5294, 0.4078, 0.3333
CMYK	0.29, 0.11, 0.00, 0.33
HSL	203°, 23%, 57%
HSV	203°, 29%, 67%
XYZ	26.0680, 29.0286, 42.2594
YIQ	143.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

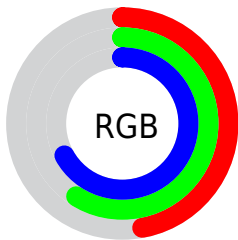
Format	Color
R_{YB}	120, 139, 170
Decimal	7903146
CIE _{Lab}	60.81, -6.21, -13.46
CIE _{LCh}	61, 14.824, 245.248
Yxy	29.0286, 0.2678, 0.2982
Android (android.graphics.Color)	4286093226 (0xFF7897AA)
YUV	143.8970, 12.8688, -20.9577
Hunter-Lab	53.8782, -7.9228, -8.7894

Details

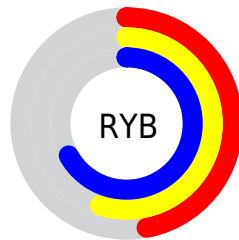
The XYZ color **26.0680, 29.0286, 42.2594** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.2006, 28.3674, 21.7063**, and the grayscale version is **26.4254, 27.8016, 30.2760**.

A 20% lighter version of the original color is **52.6555, 57.9831, 79.6508**, and **10.3530, 11.7244, 18.8569** is the 20% darker color. If you saturate the color by 10%, you get **22.9053, 25.8976, 41.8222**, and if you desaturate by 10%, it is **29.7080, 32.4916, 42.7365**.

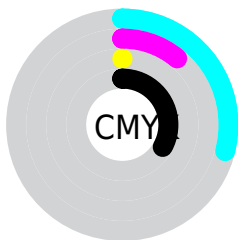
Distribution



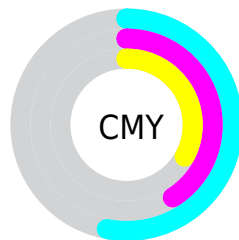
- Red (47%)
- Green (59%)
- Blue (67%)



- Red (47%)
- Yellow (55%)
- Blue (67%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0680, 29.0286, 42.2594 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 26.0680, 29.0286, 42.2594 by changing the saturation by 10% instead.

■ 26.0680, 29.0286,
42.2594

■ 26.0680, 29.0286,
42.2594

275.3663,
297.3499, 371.3885

■ 17.0075, 19.1025,
28.9774

■ 52.8151, 58.1225,
79.8664

■ 10.3352, 11.7443,
18.8183

■ 71.2325, 78.0591,
105.0284

■ 5.6857, 6.5698,
11.3636

■ 93.4994, 102.1013,
134.9876

■ 2.6938, 3.1946,
6.1947

119.9814,
130.6334, 170.1623

■ 0.9940, 1.2341,
2.8931

151.0437,
164.0400, 210.9713

■ 0.0000, 0.0893,
1.0403

187.0517,

■ 0.0000, 0.0000,

202.7053, 257.8329

0.0000

228.3708,
247.0138, 311.1658

■ 26.0680, 29.0286,
42.2594

■ 26.0680, 29.0286,
42.2594

■ 22.9053, 25.8976,
41.8222

■ 29.7080, 32.4916,
42.7365

■ 20.1943, 23.0820,
41.4217

■ 33.8441, 36.2955,
43.2527

■ 17.9106, 20.5686,
41.0569

■ 38.4972, 40.4531,
43.8100

■ 16.0266, 18.3416,
40.7263

■ 43.6861, 44.9754,
44.4094

■ 14.5109, 16.3835,
40.4283

■ 49.4287, 49.8727,
45.0520

■ 13.3267, 14.6738,
40.1607

■ 55.7422, 55.1552,
45.7388

■ 12.4005, 13.1731,
39.9198

■ 62.6426, 60.8322,
46.4709

■ 12.3489, 13.0886,
39.9062

■ 69.7759, 66.7225,
47.2319

■ 71.3301, 69.8309,
47.7500

Harmonies

Analogous

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



24.6735, 29.0286, 38.1372



26.0680, 29.0286, 42.2594



27.9312, 29.0286, 43.3989

Triad

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



26.0680, 29.0286, 42.2594



31.4485, 29.0286, 30.6462



25.5067, 29.0286, 23.7073

Complementary

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



26.0680, 29.0286, 42.2594



29.2006, 28.3674, 21.7063

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.



27.2532, 29.0286, 22.1719



26.0680, 29.0286, 42.2594



30.7295, 29.0286, 25.8687

Square

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



26.0680, 29.0286, 42.2594



31.0952, 29.0286, 36.2628



29.1718, 29.0286, 22.9148



24.3601, 29.0286, 27.3682

Rectangle

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



26.0680, 29.0286, 42.2594



29.2020, 29.0286, 42.2122



29.1718, 29.0286, 22.9148



26.0400, 29.0286, 22.9462

Sweetspot

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



26.0689, 29.0298, 42.2601



61.6036, 66.0328, 78.5006



26.7326, 34.5877, 29.4392



13.4867, 14.4977, 17.4752



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.



26.0689, 29.0298, 42.2601



43.6276, 49.0652, 76.1730



22.5484, 21.9887, 41.0866



7.5045, 8.0459, 9.5758



9.1389, 9.7380, 29.3734



0.2693, 0.3309, 0.7303

Inverse Universe

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



28.8806, 24.2140, 32.4311



49.6351, 39.3350, 55.0473



33.1247, 36.2156, 23.0143



7.7192, 7.6176, 8.8388



14.1135, 7.0541, 10.6751



0.3671, 0.1811, 0.3846

Previews

White Background



This preview shows how the XYZ color 26.0680, 29.0286, 42.2594 looks on a white background.

Color Contrast Check

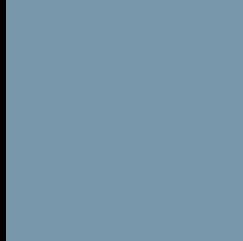
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0680, 29.0286, 42.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

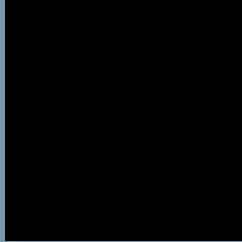
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

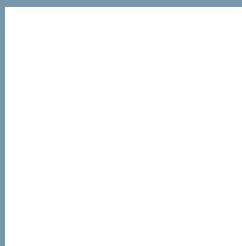
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0680, 29.0286, 42.2594

Background



This preview shows how black text looks on a background with the XYZ color 26.0680, 29.0286, 42.2594.



This preview shows how white text looks on a background with the XYZ color 26.0680, 29.0286,

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

26.0680, 29.0286, 42.2594

Protanopia

28.3360, 28.8436, 40.1503

Deuteranopia

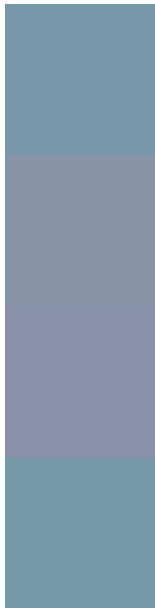
29.4816, 28.9194, 43.0579



Tritanopia

25.5368, 29.0587, 39.3849

Trichromacy



Original Color

26.0680, 29.0286, 42.2594

Protanomaly

27.4004, 28.8084, 40.6756

Deuteranomaly

28.1108, 28.9013, 42.6250

Tritanomaly

25.7189, 29.1316, 40.3438

Monochromacy



Original Color

26.0680, 29.0286, 42.2594

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1752, 28.3182, 34.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0680, 29.0286, 42.2594 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(120, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 170)  
}
```

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(120, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.0680, 29.0286, 42.2594 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(120, 151, 170) }
```


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

```
.border{ border-color:rgb(120, 151, 170) }
```

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

Here you see how a box with a 4 pixel rgb(120, 151, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0680, 29.0286, 42.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 170) }
```

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

```
.background{ background-color: rgb(120,  
151, 170) }
```

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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