

Converting Colors

XYZ(27.0340, 29.4284, 48.5369)

Have a look what the booklet for
XYZ(27.0340, 29.4284, 48.5369)
contains.

XYZ(26.9813, 29.3622, 48.5014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9813, 29.3622,
48.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	7697B6
RGB	118, 151, 182
RGB Percent	46%, 59%, 71%
CMY	0.5372, 0.4078, 0.2863
CMYK	0.35, 0.17, 0.00, 0.29
HSL	209°, 30%, 59%
HSV	209°, 35%, 71%
XYZ	26.9813, 29.3622, 48.5014
YIQ	144.6670, -29.6190, 2.6450

Conversions

Conversions Part 2

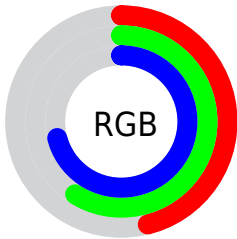
Format	Color
R _Y B	118, 140, 182
Decimal	7772086
CIE Lab	61.10, -3.72, -19.81
CIE LCh	61, 20.158, 259.367
Yxy	29.3622, 0.2573, 0.2801
Android (android.graphics.Color)	4285962166 (0xFF7697B6)
YUV	144.6670, 18.4052, -23.3870
Hunter-Lab	54.1869, -5.9465, -15.1382

Details

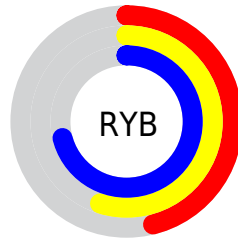
The XYZ color **26.9813, 29.3622, 48.5014** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.3093, 32.7483, 21.7058**, and the grayscale version is **26.7157, 28.1070, 30.6086**.

A 20% lighter version of the original color is **54.2772, 58.6063, 89.3404**, and **10.8344, 11.8926, 22.4934** is the 20% darker color. If you saturate the color by 10%, you get **23.3782, 25.4774, 47.9420**, and if you desaturate by 10%, it is **31.1692, 33.7073, 49.1199**.

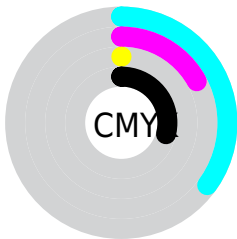
Distribution



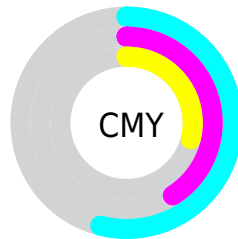
- Red (46%)
- Green (59%)
- Blue (71%)



- Red (46%)
- Yellow (55%)
- Blue (71%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9813, 29.3622, 48.5014 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 26.9813, 29.3622, 48.5014 by changing the saturation by 10% instead.

■ 26.9813, 29.3622,
48.5014

■ 26.9813, 29.3622,
48.5014

279.7358,
298.9201, 397.3420

■ 17.6957, 19.3550,
33.8613

■ 54.2740, 58.6521,
89.3238

■ 10.8301, 11.9271,
22.5106

■ 73.0117, 78.7035,
116.3432

■ 6.0191, 6.6940,
14.0307

■ 95.6309, 102.8718,
148.3260

■ 2.8975, 3.2715,
8.0030

122.4969,
131.5414, 185.6910

■ 1.0998, 1.2751,
4.0091

153.9750,
165.0966, 228.8565

■ 0.0249, 0.1218,
1.6303

190.4306,

■ 0.0000, 0.0000,

203.9218, 278.2412

0.3123

232.2291,
248.4016, 334.2635

■ 0.0000, 0.0000,
0.0000

■ 26.9813, 29.3622,
48.5014

■ 26.9813, 29.3622,
48.5014

■ 23.3782, 25.4774,
47.9420

■ 31.1692, 33.7073,
49.1199

■ 20.3274, 22.0307,
47.4375

■ 35.9667, 38.5268,
49.7973

■ 17.7969, 19.0028,
46.9864

■ 41.4004, 43.8384,
50.5361

■ 15.7504, 16.3713,
46.5863

■ 47.4945, 49.6575,
51.3381

■ 14.1457, 14.1105,
46.2346

■ 54.2719, 55.9990,
52.2050

■ 12.9319, 12.1904,
45.9279

■ 61.7541, 62.8771,
53.1382

■ 12.4328, 11.3558,
45.7931

■ 69.9620, 70.3053,
54.1394

■ 75.6790, 76.6282,
55.0585

■ 78.0753, 81.4209,
55.8573

Harmonies

Analogous

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



24.7297, 29.3622, 44.3271



26.9813, 29.3622, 48.5014



29.6261, 29.3622, 47.7484

Triad

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



26.9813, 29.3622, 48.5014



32.9784, 29.3622, 27.3857



24.2285, 29.3622, 23.4036

Complementary

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



26.9813, 29.3622, 48.5014



33.3093, 32.7483, 21.7058

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.



26.2574, 29.3622, 20.1185



26.9813, 29.3622, 48.5014



31.3474, 29.3622, 22.1542

Square

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



26.9813, 29.3622, 48.5014



33.2026, 29.3622, 34.7298



28.8555, 29.3622, 19.7004



23.2083, 29.3622, 29.3612

Rectangle

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



26.9813, 29.3622, 48.5014



31.2546, 29.3622, 44.5844



28.8555, 29.3622, 19.7004



24.8090, 29.3622, 21.9930

Sweetspot

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



26.9822, 29.3633, 48.5021



68.9844, 73.5700, 90.8003



29.6193, 39.4759, 34.4651



14.9490, 15.9671, 20.0157



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9822, 29.3633, 48.5021



43.8920, 47.8430, 87.1570



22.5202, 20.4393, 47.0147



8.8938, 9.4648, 11.4376



8.8467, 8.1530, 32.3605



0.3735, 0.4108, 1.1613

Inverse Universe

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



31.3565, 25.1371, 32.4787



53.1740, 39.7477, 52.9606



39.0723, 44.2743, 23.6268



9.1927, 9.0875, 10.3623



15.0791, 7.6054, 8.3031



0.5627, 0.2806, 0.4567

Previews

White Background



This preview shows how the XYZ color 26.9813, 29.3622, 48.5014 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 26.9813, 29.3622, 48.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

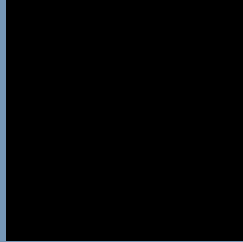
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

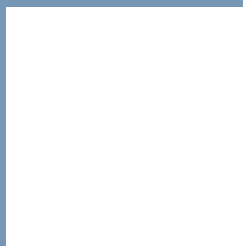
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9813, 29.3622, 48.5014

Background



This preview shows how black text looks on a background with the XYZ color 26.9813, 29.3622, 48.5014.



This preview shows how white text looks on a background with the XYZ color 26.9813, 29.3622,

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

26.9813, 29.3622, 48.5014

Protanopia

29.1300, 29.3476, 46.2488

Deuteranopia

29.8482, 29.2051, 48.8637



Tritanopia

25.3780, 29.4418, 40.4217

Trichromacy



Original Color

26.9813, 29.3622, 48.5014

Protanomaly

28.2423, 29.3400, 46.8225

Deuteranomaly

28.8125, 29.3547, 48.9472

Tritanomaly

25.9079, 29.4059, 43.3401

Monochromacy



Original Color

26.9813, 29.3622, 48.5014

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5969, 28.4870, 36.4445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9813, 29.3622, 48.5014 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, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 182)  
}
```

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, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.9813, 29.3622, 48.5014 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, 151, 182) }
```


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

```
.border{ border-color:rgb(118, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 151, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 151, 182); box-shadow:4px 4px 4px 4px rgb(118, 151, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9813, 29.3622, 48.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 182) }
```

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

```
.background{ background-color: rgb(118,  
151, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor