

Converting Colors

XYZ(26.6427, 28.5185, 49.2283)

Have a look what the booklet for
XYZ(26.6427, 28.5185, 49.2283)
contains.

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Color

**XYZ(26.7128, 28.4921,
49.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	7694B8
RGB	118, 148, 184
RGB Percent	46%, 58%, 72%
CMY	0.5372, 0.4196, 0.2784
CMYK	0.36, 0.20, 0.00, 0.28
HSL	213°, 32%, 59%
HSV	213°, 36%, 72%
XYZ	26.7128, 28.4921, 49.4390
YIQ	143.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

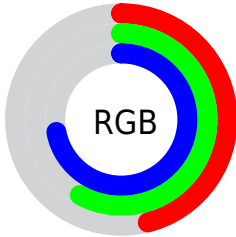
Format	Color
R _Y B	118, 139, 184
Decimal	7771320
CIE Lab	60.33, -1.50, -22.12
CIE LCh	60, 22.167, 266.127
Yxy	28.4921, 0.2553, 0.2723
Android (android.graphics.Color)	4285961400 (0xFF7694B8)
YUV	143.1340, 20.1469, -22.0425
Hunter-Lab	53.3780, -4.0819, -17.5501

Details

The XYZ color **26.7128, 28.4921, 49.4390** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.5931, 34.6097, 21.9973**, and the grayscale version is **26.0931, 27.4520, 29.8952**.

A 20% lighter version of the original color is **53.8620, 57.3030, 90.6598**, and **10.7112, 11.5323, 23.1341** is the 20% darker color. If you saturate the color by 10%, you get **22.9472, 24.3149, 48.8317**, and if you desaturate by 10%, it is **31.1042, 33.1958, 50.1160**.

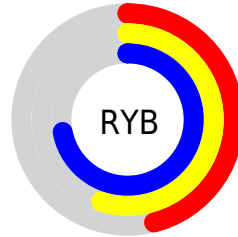
Distribution



Red (46%)

Green (58%)

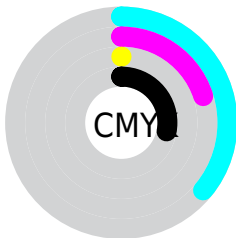
Blue (72%)



Red (46%)

Yellow (55%)

Blue (72%)

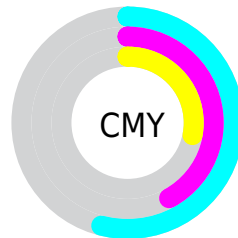


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7128, 28.4921, 49.4390 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 26.7128, 28.4921, 49.4390 by changing the saturation by 10% instead.

■ 26.7128, 28.4921,
49.4390

■ 26.7128, 28.4921,
49.4390

278.4568,
294.8109, 401.1401

■ 17.4931, 18.6969,
34.5998

■ 53.8458, 57.2691,
90.7308

■ 10.6842, 11.4515,
23.0737

■ 72.4898, 77.0198,
118.0206

■ 5.9206, 6.3714,
14.4421

■ 95.0060, 100.8578,
150.2975

■ 2.8371, 3.0722,
8.2865

121.7597,
129.1675, 187.9803

■ 1.0682, 1.1695,
4.1885

153.1163,
162.3332, 231.4874

■ 0.0000, 0.0366,
1.7293

189.4411,

■ 0.0000, 0.0000,

200.7395, 281.2373

0.3807

231.0995,
244.7706, 337.6487

■ 0.0000, 0.0000,
0.0000

■ 26.7128, 28.4921,
49.4390

■ 26.7128, 28.4921,
49.4390

■ 22.9472, 24.3149,
48.8317

■ 31.1042, 33.1958,
50.1160

■ 19.7727, 20.6394,
48.2896

■ 36.1480, 38.4428,
50.8629

■ 17.1552, 17.4431,
47.8106

■ 41.8727, 44.2531,
51.6827

■ 15.0556, 14.7006,
47.3919

■ 48.3042, 50.6447,
52.5774

■ 13.4290, 12.3826,
47.0302

■ 55.4669, 57.6347,
53.5491

■ 12.2192, 10.4543,
46.7218

■ 63.3840, 65.2393,
54.5996

■ 11.7943, 9.7458,
46.6074

■ 72.0777, 73.4743,
55.7309

■ 77.7154, 80.3679,
56.7644

■ 80.5617, 86.0605,
57.7132

Harmonies

Analogous

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



24.1432, 28.4921, 45.9435



26.7128, 28.4921, 49.4390



29.5635, 28.4921, 47.3332

Triad

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



26.7128, 28.4921, 49.4390



32.2985, 28.4921, 24.6193



22.7857, 28.4921, 23.0804

Complementary

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



26.7128, 28.4921, 49.4390



34.5931, 34.6097, 21.9973

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.



24.7413, 28.4921, 18.9697



26.7128, 28.4921, 49.4390



30.2477, 28.4921, 19.7429

Square

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



26.7128, 28.4921, 49.4390



32.9174, 28.4921, 32.0941



27.4523, 28.4921, 17.8638



21.9786, 28.4921, 29.9761

Rectangle

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



26.7128, 28.4921, 49.4390



31.2214, 28.4921, 43.2054



27.4523, 28.4921, 17.8638



23.3236, 28.4921, 21.3774

Sweetspot

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



26.7137, 28.4932, 49.4397



70.2323, 74.4923, 92.8814



30.3786, 40.4396, 36.4288



14.8442, 15.7575, 19.9807



88.6918, 93.3107, 101.6153



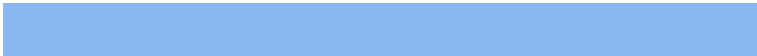
17.8044, 18.7317, 20.3988

Same Dimension

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



26.7137, 28.4932, 49.4397



42.9725, 45.6265, 88.7465



22.9043, 20.4257, 48.0833



8.8483, 9.3739, 11.4224



8.1974, 6.8545, 32.1441



0.3510, 0.3656, 1.1538

Inverse Universe

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



31.5916, 25.2861, 31.2339



53.3239, 39.6978, 49.9150



39.6552, 45.5103, 23.8345



9.1698, 9.0783, 10.2415



14.7514, 7.4743, 6.5774



0.5513, 0.2760, 0.3966

Previews

White Background



This preview shows how the XYZ color 26.7128, 28.4921, 49.4390 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 26.7128, 28.4921, 49.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

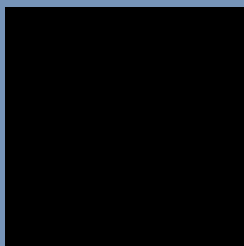
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

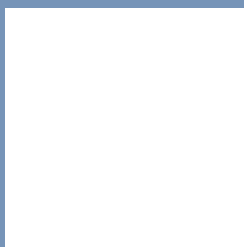
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7128, 28.4921, 49.4390

Background



This preview shows how black text looks on a background with the XYZ color 26.7128, 28.4921, 49.4390.

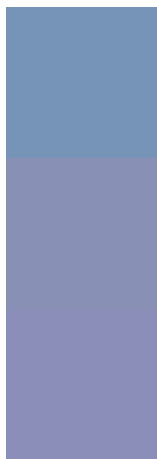


This preview shows how white text looks on a background with the XYZ color 26.7128, 28.4921,

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

26.7128, 28.4921, 49.4390

Protanopia

28.4671, 28.5170, 47.7200

Deuteranopia

28.9112, 28.2521, 49.8283



Tritanopia

24.7391, 28.6475, 39.3476

Trichromacy



Original Color

26.7128, 28.4921, 49.4390

Protanomaly

27.6222, 28.2953, 48.2617

Deuteranomaly

28.0903, 28.2746, 49.8760

Tritanomaly

25.4875, 28.7183, 42.7279

Monochromacy



Original Color

26.7128, 28.4921, 49.4390

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1285, 27.7878, 36.3342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7128, 28.4921, 49.4390 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, 148, 184)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 184)  
}
```

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, 148, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.7128, 28.4921, 49.4390 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, 148, 184) }
```


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

```
.border{ border-color:rgb(118, 148, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 148, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 148, 184);  
box-shadow:4px 4px 4px 4px rgb(118, 148,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7128, 28.4921, 49.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 184) }
```

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

```
.background{ background-color: rgb(118,  
148, 184) }
```

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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