

Converting Colors

XYZ(26.7315, 28.1243, 72.5320)

Have a look what the booklet for
XYZ(26.7315, 28.1243, 72.5320)
contains.

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Color

**XYZ(26.7791, 28.2518,
72.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	4C95DD
RGB	76, 149, 221
RGB Percent	30%, 58%, 87%
CMY	0.7019, 0.4157, 0.1333
CMYK	0.66, 0.33, 0.00, 0.13
HSL	210°, 68%, 58%
HSV	210°, 66%, 87%
XYZ	26.7791, 28.2518, 72.4484
YIQ	135.3810, -66.6200, 6.9160

Conversions

Conversions Part 2

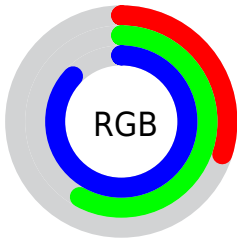
Format	Color
R_{YB}	76, 125, 221
Decimal	5019101
CIE _{Lab}	60.12, -0.30, -43.37
CIE _{LCh}	60, 43.371, 269.605
Yxy	28.2518, 0.2101, 0.2216
Android (android.graphics.Color)	4283209181 (0xFF4C95DD)
YUV	135.3810, 42.2102, -52.0771
Hunter-Lab	53.1524, -3.0854, -43.6074

Details

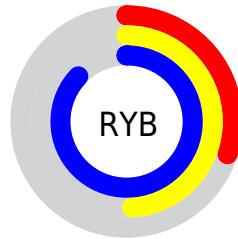
The XYZ color **26.7791, 28.2518, 72.4484** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **41.7151, 37.0766, 11.7970**, and the grayscale version is **23.0376, 24.2374, 26.3945**.

A 20% lighter version of the original color is **49.8872, 55.3351, 102.6592**, and **11.2534, 11.6403, 37.2510** is the 20% darker color. If you saturate the color by 10%, you get **23.6601, 24.1870, 71.8288**, and if you desaturate by 10%, it is **30.6667, 32.9565, 73.1522**.

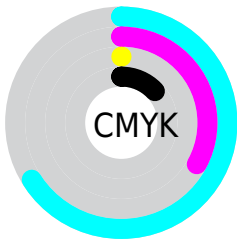
Distribution



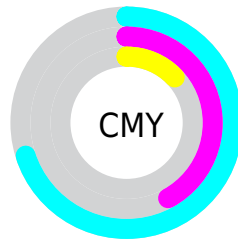
- Red (30%)
- Green (58%)
- Blue (87%)



- Red (30%)
- Yellow (49%)
- Blue (87%)



- Cyan (66%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7791, 28.2518, 72.4484 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 26.7791, 28.2518, 72.4484 by changing the saturation by 10% instead.

■ 26.7791, 28.2518,
72.4484

■ 26.7791, 28.2518,
72.4484

278.7731,
293.6682, 488.1202

■ 17.5431, 18.5156,
53.0360

■ 53.9516, 56.8862,
124.4075

■ 10.7202, 11.3208,
37.4436

■ 72.6188, 76.5531,
157.7912

■ 5.9449, 6.2830,
25.2526

■ 95.1605, 100.2991,
196.6691

■ 2.8519, 3.0179,
16.0446

■ 121.9419,
128.5085, 241.4597

■ 1.0760, 1.1411,
9.4011

153.3286,
161.5657, 292.5816

■ 0.0049, 0.0128,
4.9033

189.6857,

■ 0.0000, 0.0000,

199.8551, 350.4533

2.1329

231.3788,
243.7611, 415.4933

■ 0.0000, 0.0000,
0.6352

■ 0.0000, 0.0000,
0.0000

■ 26.7791, 28.2518,
72.4484

■ 26.7791, 28.2518,
72.4484

■ 23.6601, 24.1870,
71.8288

■ 30.6667, 32.9565,
73.1522

■ 21.2372, 20.7169,
71.2867

■ 35.3796, 38.3356,
73.9421

■ 19.4272, 17.7920,
70.8175

■ 40.9722, 44.4237,
74.8224

■ 18.7638, 16.6456,
70.6312

■ 47.4934, 51.2519,
75.7967

■ 54.9877, 58.8491,
76.8681

■ 63.4971, 67.2422,
78.0396

■ 73.0606, 76.4571,
79.3142

■ 83.7153, 86.5180,
80.6946

■ 87.7882, 93.4744,
81.8227

Harmonies

Analogous

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



21.8167, 28.2518, 65.2798



26.7791, 28.2518, 72.4484



32.4644, 28.2518, 65.6278

Triad

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



26.7791, 28.2518, 72.4484



37.2165, 28.2518, 18.0207



18.6745, 28.2518, 17.7668

Complementary

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



26.7791, 28.2518, 72.4484



41.7151, 37.0766, 11.7970

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.



21.9277, 28.2518, 11.1340



26.7791, 28.2518, 72.4484



32.6090, 28.2518, 11.2412

Square

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



26.7791, 28.2518, 72.4484



38.9712, 28.2518, 30.9723



26.9260, 28.2518, 9.2321



17.5492, 28.2518, 30.5515

Rectangle

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



26.7791, 28.2518, 72.4484



35.8068, 28.2518, 55.0615



26.9260, 28.2518, 9.2321



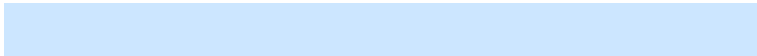
19.5313, 28.2518, 14.9275

Sweetspot

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



26.7802, 28.2528, 72.4491



71.1582, 76.4701, 105.6175



34.0331, 55.3283, 36.1159



14.6104, 15.7370, 22.5174



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.7802, 28.2528, 72.4491



31.2628, 31.4229, 99.0252



18.7872, 12.2668, 69.7848



12.8777, 13.6951, 16.6168



11.0136, 9.8967, 41.0682



0.7997, 0.8135, 2.6893

Inverse Universe

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



37.8291, 22.7124, 30.8245



48.4518, 26.2220, 33.5026



56.3471, 66.3407, 16.6743



13.3281, 13.1603, 14.9891



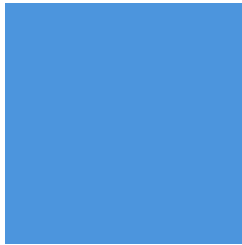
19.0545, 9.6228, 9.9330



1.2779, 0.6408, 0.8726

Previews

White Background



This preview shows how the XYZ color 26.7791, 28.2518, 72.4484 looks on a white background.

Color Contrast Check

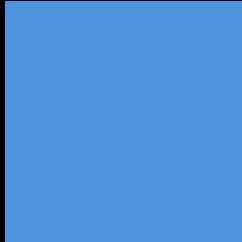
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7791, 28.2518, 72.4484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

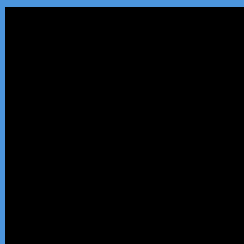
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

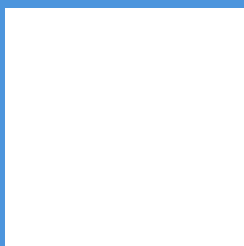
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7791, 28.2518, 72.4484

Background



This preview shows how black text looks on a background with the XYZ color 26.7791, 28.2518, 72.4484.

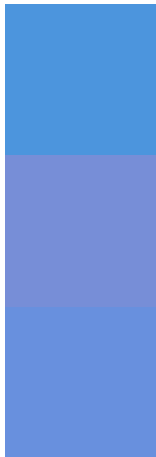


This preview shows how white text looks on a background with the XYZ color 26.7791, 28.2518,

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

26.7791, 28.2518, 72.4484

Protanopia

29.5465, 28.1742, 68.1709

Deuteranopia

28.8670, 28.1635, 73.0219



Tritanopia

21.0168, 28.3792, 43.3998

Trichromacy



Original Color

26.7791, 28.2518, 72.4484

Protanomaly

28.2433, 28.1441, 69.5894

Deuteranomaly

28.0798, 28.2114, 73.0726

Tritanomaly

22.7605, 28.0599, 52.9317

Monochromacy



Original Color

26.7791, 28.2518, 72.4484

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2004, 25.0867, 39.6958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7791, 28.2518, 72.4484 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(76, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(76, 149, 221)  
}
```

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(76, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 149, 221) }
```

Border

The CSS property to change the border of an element to XYZ 26.7791, 28.2518, 72.4484 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(76, 149, 221) }
```


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

```
.border{ border-color:rgb(76, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(76, 149,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7791, 28.2518, 72.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 149, 221) }
```

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

```
.background{ background-color: rgb(76, 149,  
221) }
```

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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