

Converting Colors

XYZ(27.2200, 29.1619, 74.0062)

Have a look what the booklet for
XYZ(27.2200, 29.1619, 74.0062)
contains.

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Color

**XYZ(27.2200, 29.1619,
74.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	4898DF
RGB	72, 152, 223
RGB Percent	28%, 60%, 87%
CMY	0.7176, 0.4039, 0.1255
CMYK	0.68, 0.32, 0.00, 0.13
HSL	208°, 70%, 58%
HSV	208°, 68%, 87%
XYZ	27.2200, 29.1619, 74.0062
YIQ	136.1740, -70.4710, 5.1210

Conversions

Conversions Part 2

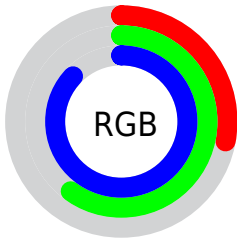
Format	Color
R_{YB}	72, 124, 223
Decimal	4757727
CIE _{Lab}	60.92, -2.00, -43.22
CIE _{LCh}	61, 43.264, 267.356
Yxy	29.1619, 0.2088, 0.2237
Android (android.graphics.Color)	4282947807 (0xFF4898DF)
YUV	136.1740, 42.8052, -56.2806
Hunter-Lab	54.0018, -4.5288, -43.4522

Details

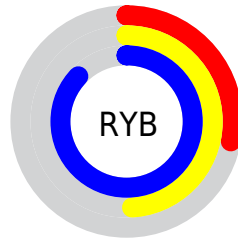
The XYZ color **27.2200, 29.1619, 74.0062** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **41.4254, 35.8035, 10.8599**, and the grayscale version is **23.3318, 24.5469, 26.7316**.

A 20% lighter version of the original color is **50.1130, 56.5135, 102.8747**, and **11.6287, 12.0974, 38.2813** is the 20% darker color. If you saturate the color by 10%, you get **24.2216, 25.2008, 73.4003**, and if you desaturate by 10%, it is **30.9737, 33.7366, 74.6920**.

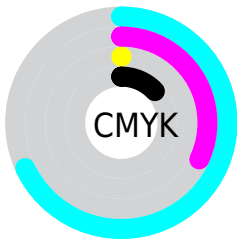
Distribution



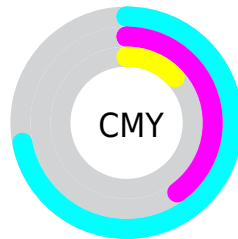
- Red (28%)
- Green (60%)
- Blue (87%)



- Red (28%)
- Yellow (49%)
- Blue (87%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2200, 29.1619, 74.0062 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 27.2200, 29.1619, 74.0062 by changing the saturation by 10% instead.

■ 27.2200, 29.1619,
74.0062

■ 27.2200, 29.1619,
74.0062

280.8689,
297.9781, 493.6587

■ 17.8760, 19.2033,
54.3023

■ 54.6541, 58.3342,
126.6387

■ 10.9601, 11.8173,
38.4486

■ 73.4749, 78.3167,
160.4044

■ 6.1071, 6.6194,
26.0265

■ 96.1852, 102.4094,
199.6945

■ 2.9516, 3.2252,
16.6175

■ 123.1506,
130.9965, 244.9274

■ 1.1282, 1.2504,
9.8031

154.7363,
164.4626, 296.5217

■ 0.0485, 0.1023,
5.1647

191.3077,

■ 0.0000, 0.0000,

203.1919, 354.8961

2.2838

233.2301,
247.5690, 420.4689

■ 0.0000, 0.0000,
0.7221

■ 0.0000, 0.0000,
0.0000

■ 27.2200, 29.1619,
74.0062

■ 27.2200, 29.1619,
74.0062

■ 24.2216, 25.2008,
73.4003

■ 30.9737, 33.7366,
74.6920

■ 21.9026, 21.8070,
72.8674

■ 35.5416, 38.9597,
75.4594

■ 20.1654, 18.9249,
72.4027

■ 40.9801, 44.8658,
76.3127

■ 19.8145, 18.3181,
72.3040

■ 47.3392, 51.4859,
77.2554

■ 54.6648, 58.8487,
78.2904

■ 62.9995, 66.9811,
79.4208

■ 72.3834, 75.9083,
80.6494

■ 82.8543, 85.6546,
81.9787

■ 87.6293, 92.7276,
83.0923

Harmonies

Analogous

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



22.2671, 29.1619, 65.7624



27.2200, 29.1619, 74.0062



33.0082, 29.1619, 68.1191

Triad

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



27.2200, 29.1619, 74.0062



38.5140, 29.1619, 19.5070



19.5485, 29.1619, 17.7672

Complementary

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



27.2200, 29.1619, 74.0062



41.4254, 35.8035, 10.8599

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.



23.0247, 29.1619, 11.3777



27.2200, 29.1619, 74.0062



33.9918, 29.1619, 12.1162

Square

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



27.2200, 29.1619, 74.0062



40.0300, 29.1619, 33.2075



28.2210, 29.1619, 9.7281



18.2304, 29.1619, 30.3404

Rectangle

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



27.2200, 29.1619, 74.0062



36.4890, 29.1619, 57.7973



28.2210, 29.1619, 9.7281



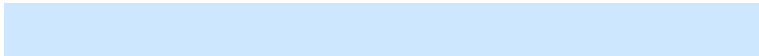
20.4780, 29.1619, 15.0111

Sweetspot

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



27.2211, 29.1629, 74.0069



71.5330, 77.2198, 105.7425



33.9791, 56.1211, 34.8189



14.7001, 15.9164, 22.5473



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.



27.2211, 29.1629, 74.0069



31.4961, 32.2710, 99.1766



18.6494, 12.0195, 71.1497



13.5502, 14.4394, 17.4606



11.7648, 10.9991, 42.5513



0.9049, 0.9413, 2.9792

Inverse Universe

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



38.4173, 22.5911, 32.0422



48.4764, 25.8753, 34.7315



56.6647, 66.2822, 15.9396



14.0092, 13.8213, 15.8184



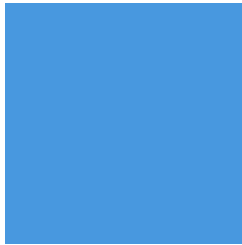
19.8785, 10.0184, 11.2920



1.4230, 0.7125, 1.0205

Previews

White Background



This preview shows how the XYZ color 27.2200, 29.1619, 74.0062 looks on a white background.

Color Contrast Check

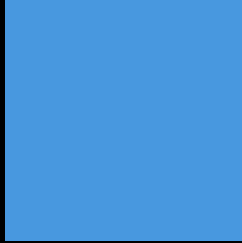
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2200, 29.1619, 74.0062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

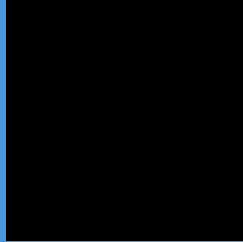
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

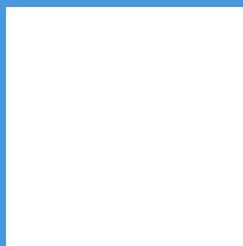
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2200, 29.1619, 74.0062

Background



This preview shows how black text looks on a background with the XYZ color 27.2200, 29.1619, 74.0062.

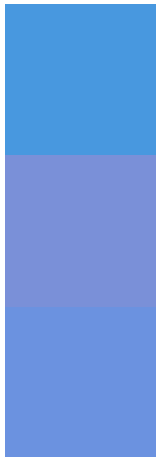


This preview shows how white text looks on a background with the XYZ color 27.2200, 29.1619,

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

27.2200, 29.1619, 74.0062

Protanopia

30.3940, 29.0420, 68.9695

Deuteranopia

29.7968, 29.0654, 74.5607



Tritanopia

21.3578, 29.0360, 45.0363

Trichromacy



Original Color

27.2200, 29.1619, 74.0062

Protanomaly

28.9288, 28.9250, 71.0762

Deuteranomaly

28.6605, 28.9413, 74.5967

Tritanomaly

23.1575, 28.9896, 54.2442

Monochromacy



Original Color

27.2200, 29.1619, 74.0062

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5509, 25.6839, 40.7620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2200, 29.1619, 74.0062 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(72, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(72, 152, 223)  
}
```

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(72, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 152, 223) }
```

Border

The CSS property to change the border of an element to XYZ 27.2200, 29.1619, 74.0062 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(72, 152, 223) }
```


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

```
.border{ border-color:rgb(72, 152, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(72, 152,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2200, 29.1619, 74.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 152, 223) }
```

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

```
.background{ background-color: rgb(72, 152,  
223) }
```

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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