

Converting Colors

XYZ(24.2595, 22.6367, 72.1979)

Have a look what the booklet for
XYZ(24.2595, 22.6367, 72.1979)
contains.

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Color

**XYZ(24.2595, 22.6367,
72.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	4F81DE
RGB	79, 129, 222
RGB Percent	31%, 51%, 87%
CMY	0.6902, 0.4941, 0.1294
CMYK	0.64, 0.42, 0.00, 0.13
HSL	219°, 68%, 59%
HSV	219°, 64%, 87%
XYZ	24.2595, 22.6367, 72.1979
YIQ	124.6520, -59.6530, 18.3230

Conversions

Conversions Part 2

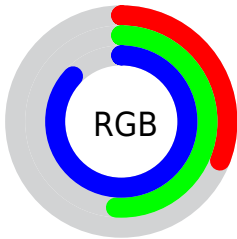
Format	Color
R _Y B	79, 116, 222
Decimal	5210590
CIE Lab	54.70, 12.44, -52.51
CIE LCh	55, 53.965, 283.327
Yxy	22.6367, 0.2037, 0.1901
Android (android.graphics.Color)	4283400670 (0xFF4F81DE)
YUV	124.6520, 47.9926, -40.0368
Hunter-Lab	47.5780, 7.7535, -56.6657

Details

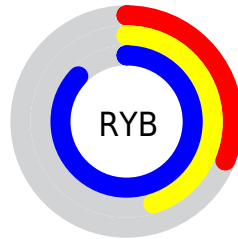
The XYZ color **24.2595, 22.6367, 72.1979** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **46.2899, 45.6021, 13.7610**, and the grayscale version is **19.2357, 20.2375, 22.0386**.

A 20% lighter version of the original color is **45.3891, 45.8432, 101.0641**, and **9.8254, 8.6380, 37.2258** is the 20% darker color. If you saturate the color by 10%, you get **20.9423, 18.3002, 71.5362**, and if you desaturate by 10%, it is **28.4637, 27.8299, 72.9792**.

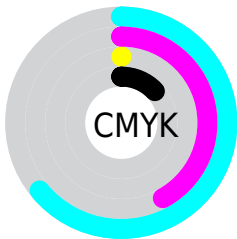
Distribution



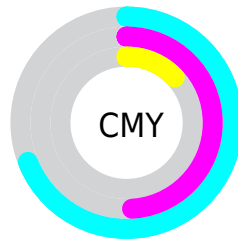
- Red (31%)
- Green (51%)
- Blue (87%)



- Red (31%)
- Yellow (45%)
- Blue (87%)



- Cyan (64%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2595, 22.6367, 72.1979 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 24.2595, 22.6367, 72.1979 by changing the saturation by 10% instead.

■ 24.2595, 22.6367,
72.1979

■ 24.2595, 22.6367,
72.1979

266.5460,
265.8535, 487.2262

■ 15.6520, 14.3255,
52.8325

■ 49.9049, 47.7961,
124.0482

■ 9.3675, 8.3474,
37.2823

■ 67.6736, 65.4131,
157.3702

■ 5.0407, 4.3180,
25.1286

■ 89.2267, 86.9007,
196.1815

■ 2.3062, 1.8530,
15.9530

■ 114.9295,
112.6435, 240.9006

■ 0.7978, 0.5199,
9.3369

145.1476,
143.0258, 291.9461

■ 0.0000, 0.0000,
4.8618

180.2461,

■ 0.0000, 0.0000,

178.4319, 349.7365

2.1091

220.5904,
219.2464, 414.6903

■ 0.0000, 0.0000,
0.6212

■ 0.0000, 0.0000,
0.0000

■ 24.2595, 22.6367,
72.1979

■ 24.2595, 22.6367,
72.1979

■ 20.9423, 18.3002,
71.5362

■ 28.4637, 27.8299,
72.9792

■ 18.4339, 14.7627,
70.9856

■ 33.6179, 33.9272,
73.8845

■ 16.6451, 11.9606,
70.5390

■ 39.7823, 40.9748,
74.9199

■ 15.8821, 10.6684,
70.3298

■ 47.0109, 49.0145,
76.0907

■ 55.3539, 58.0857,
77.4019

■ 64.8580, 68.2253,
78.8581

■ 75.5672, 79.4683,
80.4638

■ 86.9289, 91.5419,
82.1954

■ 90.1849, 98.0540,
83.2807

Harmonies

Analogous

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



18.3997, 22.6367, 71.1899



24.2595, 22.6367, 72.1979



30.3507, 22.6367, 56.9555

Triad

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



24.2595, 22.6367, 72.1979



30.9481, 22.6367, 8.3175



12.3178, 22.6367, 16.3976

Complementary

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



24.2595, 22.6367, 72.1979



46.2899, 45.6021, 13.7610

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.



14.5865, 22.6367, 7.6794



24.2595, 22.6367, 72.1979



24.9645, 22.6367, 4.7071

Square

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



24.2595, 22.6367, 72.1979



34.6655, 22.6367, 17.8451



18.9866, 22.6367, 4.5450



12.1991, 22.6367, 32.9902

Rectangle

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



24.2595, 22.6367, 72.1979



33.4317, 22.6367, 42.4572



18.9866, 22.6367, 4.5450



12.8322, 22.6367, 12.6791

Sweetspot

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



24.2604, 22.6374, 72.1985



70.1751, 73.4578, 105.0879



36.7884, 56.8823, 48.0466



14.3271, 14.9674, 22.3838



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.



24.2604, 22.6374, 72.1985



27.4609, 23.3951, 97.6761



21.2877, 13.6025, 70.6113



13.3420, 14.0232, 17.3912



9.5279, 6.5255, 41.8057



0.7423, 0.6161, 2.9250

Inverse Universe

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



36.8835, 22.7078, 23.2084



46.6363, 25.8922, 22.7204



51.5001, 65.1630, 17.2620



13.9041, 13.7793, 15.2653



18.7495, 9.5668, 5.3465



1.3410, 0.6797, 0.5883

Previews

White Background



This preview shows how the XYZ color 24.2595, 22.6367, 72.1979 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 24.2595, 22.6367, 72.1979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

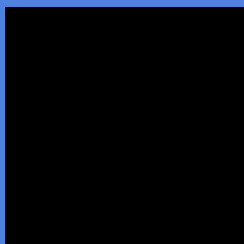
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

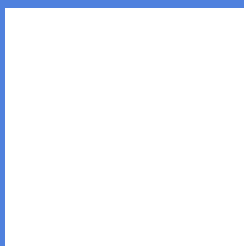
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2595, 22.6367, 72.1979

Background



This preview shows how black text looks on a background with the XYZ color 24.2595, 22.6367, 72.1979.



This preview shows how white text looks on a background with the XYZ color 24.2595, 22.6367,

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

24.2595, 22.6367, 72.1979

Protanopia

24.8220, 22.5702, 70.7584

Deuteranopia

23.2818, 22.5430, 71.5308



Tritanopia

16.7647, 22.7642, 34.5207

Trichromacy



Original Color

24.2595, 22.6367, 72.1979

Protanomaly

24.7008, 22.6850, 71.4834

Deuteranomaly

23.4880, 22.4509, 71.5021

Tritanomaly

18.8906, 22.5042, 45.9959

Monochromacy



Original Color

24.2595, 22.6367, 72.1979

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9904, 20.6479, 36.1895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2595, 22.6367, 72.1979 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(79, 129, 222)` looks like.

```
.text, #text, p{  
    color:rgb(79, 129, 222)  
}
```

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(79, 129, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 129, 222) }
```

Border

The CSS property to change the border of an element to XYZ 24.2595, 22.6367, 72.1979 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(79, 129, 222) }
```


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

```
.border{ border-color:rgb(79, 129, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 129, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 129, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 129, 222);  
box-shadow:4px 4px 4px 4px rgb(79, 129,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2595, 22.6367, 72.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 129, 222) }
```

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

```
.background{ background-color: rgb(79, 129,  
222) }
```

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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