

Converting Colors

XYZ(27.0479, 21.9746, 97.3191)

Have a look what the booklet for
XYZ(27.0479, 21.9746, 97.3191)
contains.

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Color

**XYZ(27.0673, 22.0186,
97.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	4179FF
RGB	65, 121, 255
RGB Percent	25%, 47%, 100%
CMY	0.7450, 0.5255, 0.0000
CMYK	0.75, 0.53, 0.00, 0.00
HSL	222°, 100%, 63%
HSV	222°, 75%, 100%
XYZ	27.0673, 22.0186, 97.4311
YIQ	119.5320, -76.3900, 29.8020

Conversions

Conversions Part 2

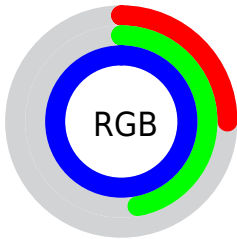
Format	Color
R _{YB}	65, 108, 255
Decimal	4291071
CIE _{Lab}	54.05, 27.03, -71.96
CIE _{LCh}	54, 76.867, 290.589
Yxy	22.0186, 0.1847, 0.1503
Android (android.graphics.Color)	4282481151 (0xFF4179FF)
YUV	119.5320, 66.7857, -47.8246
Hunter-Lab	46.9240, 20.8477, -90.2606

Details

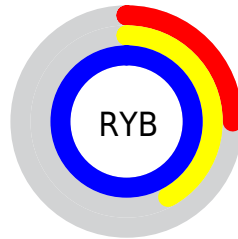
The XYZ color **27.0673, 22.0186, 97.4311** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **62.6208, 62.4944, 13.7652**, and the grayscale version is **17.5167, 18.4290, 20.0691**.

A 20% lighter version of the original color is **43.3101, 42.4255, 100.5140**, and **12.5268, 8.9288, 53.8865** is the 20% darker color. If you saturate the color by 10%, you get **23.7580, 17.3649, 96.7073**, and if you desaturate by 10%, it is **31.5471, 27.8806, 98.3265**.

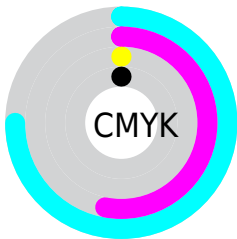
Distribution



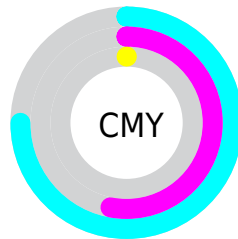
- Red (25%)
- Green (47%)
- Blue (100%)



- Red (25%)
- Yellow (42%)
- Blue (100%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0673, 22.0186, 97.4311 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 27.0673, 22.0186, 97.4311 by changing the saturation by 10% instead.

■ 27.0673, 22.0186,
97.4311

■ 27.0673, 22.0186,
97.4311

280.1444,
262.6434, 573.1009

■ 17.7606, 13.8706,
73.5520

■ 54.4110, 46.7767,
159.6434

■ 10.8769, 8.0307,
53.9329

■ 73.1787, 64.1556,
198.8136

■ 6.0508, 4.1146,
38.1552

■ 95.8308, 85.3803,
243.9180

■ 2.9170, 1.7379,
25.8004

■ 122.7326,
110.8350, 295.3751

■ 1.1100, 0.4480,
16.4499

154.2495,
140.9043, 353.6034

■ 0.0335, 0.0000,
9.6853

190.7469,

■ 0.0000, 0.0000,

175.9726, 419.0214

5.0879

232.5901,
216.4241, 492.0477

■ 0.0000, 0.0000,
2.2393

■ 0.0000, 0.0000,
0.6969

■ 27.0673, 22.0186,
97.4311

■ 27.0673, 22.0186,
97.4311

■ 23.7580, 17.3649,
96.7073

■ 31.5471, 27.8806,
98.3265

■ 21.4822, 13.8152,
96.1421

■ 37.3063, 35.0381,
99.4045

■ 20.5760, 12.2720,
95.8920

■ 44.4435, 43.5709,
100.6753

■ 53.0463, 53.5512,
102.1483

■ 63.1946, 65.0460,
103.8322

■ 74.9625, 78.1178,
105.7350

■ 88.4191, 92.8253,
107.8646

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



18.4217, 22.0186, 103.4273



27.0673, 22.0186, 97.4311



35.8659, 22.0186, 66.3628

Triad

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



27.0673, 22.0186, 97.4311



32.8045, 22.0186, 3.1477



8.7881, 22.0186, 17.2413

Complementary

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



27.0673, 22.0186, 97.4311



62.6208, 62.4944, 13.7652

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.



10.8484, 22.0186, 5.0736



27.0673, 22.0186, 97.4311



23.6519, 22.0186, 1.2351

Square

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



27.0673, 22.0186, 97.4311



39.7405, 22.0186, 11.2107



15.7952, 22.0186, 1.5830



9.2477, 22.0186, 43.9447

Rectangle

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



27.0673, 22.0186, 97.4311



39.9131, 22.0186, 42.6330



15.7952, 22.0186, 1.5830



9.1827, 22.0186, 11.7521

Sweetspot

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



27.0683, 22.0192, 97.4312



65.9873, 68.1697, 104.2879



48.1343, 76.7217, 65.7003



13.4778, 13.8682, 22.2164



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.



27.0683, 22.0192, 97.4312



22.6162, 15.6394, 96.4345



25.5358, 13.8863, 95.9422



17.4392, 18.2500, 22.8534



10.8632, 6.6360, 50.1429



1.1476, 0.8259, 4.9122

Inverse Universe

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



46.5823, 26.4226, 20.7343



43.7188, 22.9178, 12.9292



65.3306, 86.6539, 18.2856



18.2296, 18.0751, 19.8261



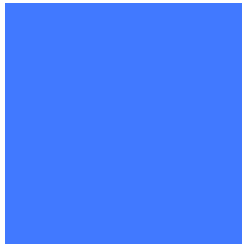
22.2714, 11.3979, 4.8139



2.2139, 1.1279, 0.7076

Previews

White Background



This preview shows how the XYZ color 27.0673, 22.0186, 97.4311 looks on a white background.

Color Contrast Check

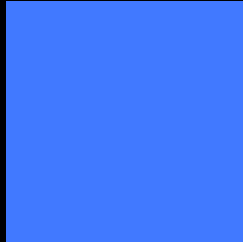
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0673, 22.0186, 97.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

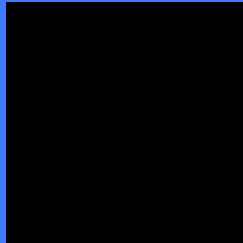
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0673, 22.0186, 97.4311

Background



This preview shows how black text looks on a background with the XYZ color 27.0673, 22.0186, 97.4311.



This preview shows how white text looks on a background with the XYZ color 27.0673, 22.0186,

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

27.0673, 22.0186, 97.4311

Protanopia

26.1721, 22.1067, 97.4953

Deuteranopia

22.1199, 21.8340, 76.4473



Tritanopia

15.4228, 21.6459, 33.5022

Trichromacy



Original Color

27.0673, 22.0186, 97.4311

Protanomaly

26.4484, 22.0640, 97.4725

Deuteranomaly

23.3987, 21.5460, 83.8145

Tritanomaly

18.1960, 20.9621, 51.8023

Monochromacy



Original Color

27.0673, 22.0186, 97.4311

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1334, 19.0068, 40.1964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0673, 22.0186, 97.4311 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(65, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(65, 121, 255)  
}
```

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(65, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.0673, 22.0186, 97.4311 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(65, 121, 255) }
```


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

```
.border{ border-color:rgb(65, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(65, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0673, 22.0186, 97.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 121, 255) }
```

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

```
.background{ background-color: rgb(65, 121,  
255) }
```

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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