

Converting Colors

XYZ(14.8017, 13.5998, 92.6061)

Have a look what the booklet for
XYZ(14.8017, 13.5998, 92.6061)
contains.

XYZ(22.6179, 17.6273, 92.6528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.6179, 17.6273,
92.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	006CFA
RGB	0, 108, 250
RGB Percent	0%, 42%, 98%
CMY	0.9997, 0.5765, 0.0196
CMYK	1.00, 0.57, 0.00, 0.02
HSL	214°, 100%, 49%
HSV	214°, 100%, 98%
XYZ	22.6179, 17.6273, 92.6528
YIQ	91.8960, -109.9500, 21.2660

Conversions

Conversions Part 2

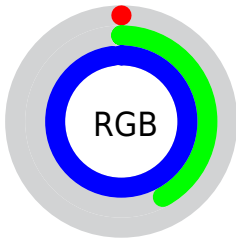
Format	Color
RYB	0, 75, 250
Decimal	27898
CIELab	49.04, 29.49, -77.38
CIELCh	49, 82.814, 290.864
Yxy	17.6273, 0.1702, 0.1326
Android (android.graphics.Color)	4278217978 (0xFF006CFA)
YUV	91.8960, 77.9453, -80.5928
Hunter-Lab	41.9849, 22.6872, -101.4526

Details

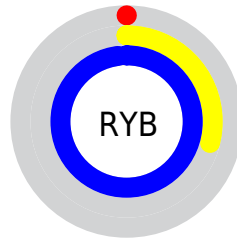
The XYZ color **22.6179, 17.6273, 92.6528** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **49.1088, 39.6921, 5.0751**, and the grayscale version is **9.9988, 10.5195, 11.4557**.

A 20% lighter version of the original color is **37.1302, 35.4610, 99.4954**, and **11.2371, 7.2510, 50.6765** is the 20% darker color. If you saturate the color by 10%, you get **22.6136, 17.6186, 92.6518**, and if you desaturate by 10%, it is **24.6427, 21.0790, 93.2128**.

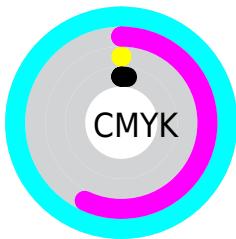
Distribution



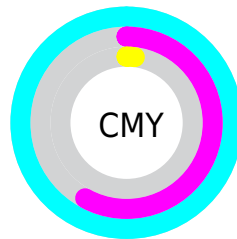
- Red (0%)
- Green (42%)
- Blue (98%)



- Red (0%)
- Yellow (29%)
- Blue (98%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6179, 17.6273, 92.6528 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 22.6179, 17.6273, 92.6528 by changing the saturation by 10% instead.

■ 22.6179, 17.6273,
92.6528

■ 22.6179, 17.6273,
92.6528

258.3285,
238.7618, 557.4143

■ 14.4308, 10.6827,
69.5969

■ 47.2364, 39.4012,
152.9854

■ 8.5046, 5.8539,
50.7232

■ 64.3986, 54.9994,
191.0991

■ 4.4740, 2.7565,
35.6132

■ 85.2830, 74.2508,
235.0693

■ 1.9736, 1.0059,
23.8483

■ 110.2553, 97.5400,
285.3143

■ 0.6191, 0.0000,
15.0099

■ 139.6806,
125.2513, 342.2528

■ 0.0000, 0.0000,
8.6797

173.9243,

■ 0.0000, 0.0000,

157.7691, 406.3032

4.4389

213.3518,
195.4778, 477.8842

■ 0.0000, 0.0000,
1.8691

■ 0.0000, 0.0000,
0.4729

■ 22.6179, 17.6273,
92.6528

■ 22.6179, 17.6273,
92.6528

■ 22.6136, 17.6186,
92.6518

■ 24.6427, 21.0790,
93.2128

■ 27.4361, 25.3056,
93.8814

■ 31.1671, 30.4096,
94.6699

■ 35.9410, 36.4597,
95.5861

■ 41.8477, 43.5161,
96.6368

■ 48.9662, 51.6325,
97.8283

■ 57.3679, 60.8584,
99.1662

■ 67.1183, 71.2395,
100.6561

■ 78.2782, 82.8188,
102.3029

Harmonies

Analogous

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



14.5056, 17.6273, 99.2254



22.6179, 17.6273, 92.6528



31.1108, 17.6273, 60.4848

Triad

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



22.6179, 17.6273, 92.6528



27.9812, 17.6273, 1.4963



5.9548, 17.6273, 13.2022

Complementary

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



22.6179, 17.6273, 92.6528



49.1088, 39.6921, 5.0751

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.



7.6750, 17.6273, 2.9208



22.6179, 17.6273, 92.6528



19.2240, 17.6273, 0.1950

Square

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



22.6179, 17.6273, 92.6528



34.8100, 17.6273, 7.6829



12.0032, 17.6273, 0.5012



6.3576, 17.6273, 38.6694

Rectangle

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



22.6179, 17.6273, 92.6528



35.0599, 17.6273, 36.7793



12.0032, 17.6273, 0.5012



6.2777, 17.6273, 8.3560

Sweetspot

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



22.6189, 17.6277, 92.6533



59.9525, 63.5992, 103.7238



39.0466, 70.3160, 36.9870



12.0031, 12.7107, 22.0707



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.



22.6189, 17.6277, 92.6533



23.6386, 18.3972, 96.9129



17.4826, 7.0205, 90.8766



16.8995, 17.8758, 21.9450



12.1315, 9.6186, 49.1907



1.2267, 1.0970, 4.5903

Inverse Universe

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



42.1321, 21.4084, 16.0989



44.0609, 22.3884, 16.7845



67.9012, 85.7524, 12.9752



17.5558, 17.3497, 19.5166



22.4155, 11.3819, 8.8962



2.1281, 1.0750, 1.0979

Previews

White Background



This preview shows how the XYZ color 22.6179, 17.6273, 92.6528 looks on a white 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

Black Background



This preview shows how the XYZ color 22.6179, 17.6273, 92.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

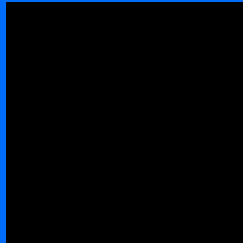
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

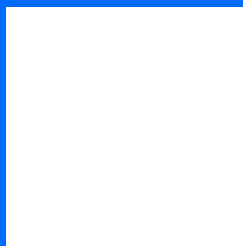
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6179, 17.6273, 92.6528

Background



This preview shows how black text looks on a background with the XYZ color 22.6179, 17.6273, 92.6528.



This preview shows how white text looks on a background with the XYZ color 22.6179, 17.6273,

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

22.6179, 17.6273, 92.6528

Protanopia

20.9705, 17.4833, 82.3901

Deuteranopia

17.4959, 17.5533, 59.5927



Tritanopia

12.2942, 17.4781, 26.0182

Trichromacy



Original Color

22.6179, 17.6273, 92.6528

Protanomaly

21.6029, 17.5627, 86.2557

Deuteranomaly

19.1819, 17.4819, 70.7700

Tritanomaly

14.7732, 16.8491, 44.0685

Monochromacy



Original Color

22.6179, 17.6273, 92.6528

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.5961, 11.8351, 30.1070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6179, 17.6273, 92.6528 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(0, 108, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 250)  
}
```

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(0, 108, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 250) }
```

Border

The CSS property to change the border of an element to XYZ 22.6179, 17.6273, 92.6528 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(0, 108, 250) }
```


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

```
.border{ border-color:rgb(0, 108, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6179, 17.6273, 92.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 250) }
```

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

```
.background{ background-color: rgb(0, 108,  
250) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor