

Converting Colors

XYZ(27.4348, 22.6032, 97.5246)

Have a look what the booklet for
XYZ(27.4348, 22.6032, 97.5246)
contains.

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Color

**XYZ(27.4477, 22.5792,
97.5193)**

Conversions

Conversions Part 1

Format	Color
Hex	437BFF
RGB	67, 123, 255
RGB Percent	26%, 48%, 100%
CMY	0.7372, 0.5176, 0.0000
CMYK	0.74, 0.52, 0.00, 0.00
HSL	222°, 100%, 63%
HSV	222°, 74%, 100%
XYZ	27.4477, 22.5792, 97.5193
YIQ	121.3040, -75.7480, 29.1800

Conversions

Conversions Part 2

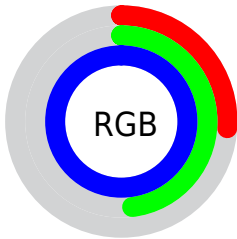
Format	Color
R _Y B	67, 110, 255
Decimal	4422655
CIE Lab	54.64, 26.02, -71.00
CIE LCh	55, 75.618, 290.130
Yxy	22.5792, 0.1860, 0.1530
Android (android.graphics.Color)	4282612735 (0xFF437BFF)
YUV	121.3040, 65.9121, -47.6246
Hunter-Lab	47.5176, 19.9517, -88.4173

Details

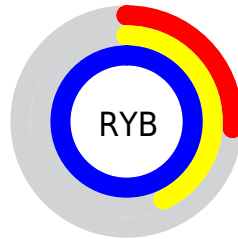
The XYZ color **27.4477, 22.5792, 97.5193** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **62.6801, 62.5185, 14.0760**, and the grayscale version is **18.0848, 19.0266, 20.7200**.

A 20% lighter version of the original color is **43.8612, 43.2832, 100.6505**, and **12.5941, 9.0634, 53.9089** is the 20% darker color. If you saturate the color by 10%, you get **24.0463, 17.8245, 96.7808**, and if you desaturate by 10%, it is **32.0261, 28.5439, 98.4293**.

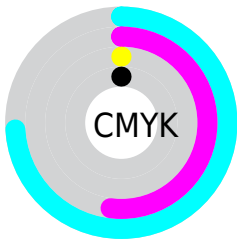
Distribution



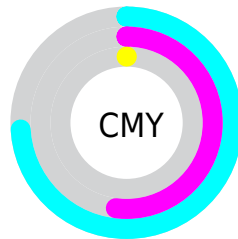
- Red (26%)
- Green (48%)
- Blue (100%)



- Red (26%)
- Yellow (43%)
- Blue (100%)



- Cyan (74%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4477, 22.5792, 97.5193 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 27.4477, 22.5792, 97.5193 by changing the saturation by 10% instead.

■ 27.4477, 22.5792,
97.5193

■ 27.4477, 22.5792,
97.5193

281.9465,
265.5563, 573.3883

■ 18.0481, 14.2831,
73.6251

■ 55.0163, 47.7014,
159.7660

■ 11.0844, 8.3178,
53.9923

■ 73.9159, 65.2964,
198.9555

■ 6.1913, 4.2990,
38.2024

■ 96.7130, 86.7597,
244.0806

■ 3.0035, 1.8422,
25.8368

■ 123.7728,
112.4759, 295.5598

■ 1.1556, 0.5133,
16.4769

155.4607,
142.8292, 353.8116

■ 0.0709, 0.0000,
9.7042

192.1420,

■ 0.0000, 0.0000,

178.2041, 419.2546

5.1003

234.1822,
218.9850, 492.3073

■ 0.0000, 0.0000,
2.2465

■ 0.0000, 0.0000,
0.7010

■ 27.4477, 22.5792,
97.5193

■ 27.4477, 22.5792,
97.5193

■ 24.0463, 17.8245,
96.7808

■ 32.0261, 28.5439,
98.4293

■ 21.6875, 14.1774,
96.2012

■ 37.8888, 35.8040,
99.5216

■ 20.6306, 12.3813,
95.9102

■ 45.1331, 44.4382,
100.8064

■ 53.8458, 54.5178,
102.2927

■ 64.1059, 66.1088,
103.9893

■ 75.9870, 79.2730,
105.9040

■ 89.5574, 94.0685,
108.0446

■ 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.



18.8350, 22.5792, 102.9278



27.4477, 22.5792, 97.5193



36.2213, 22.5792, 67.1763

Triad

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



27.4477, 22.5792, 97.5193



33.4299, 22.5792, 3.5262



9.2476, 22.5792, 17.5410

Complementary

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



27.4477, 22.5792, 97.5193



62.6801, 62.5185, 14.0760

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.



11.3791, 22.5792, 5.3629



27.4477, 22.5792, 97.5193



24.3201, 22.5792, 1.4392

Square

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



27.4477, 22.5792, 97.5193



40.2473, 22.5792, 11.9524



16.4148, 22.5792, 1.7830



9.6763, 22.5792, 43.9530

Rectangle

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



27.4477, 22.5792, 97.5193



40.2851, 22.5792, 43.6656



16.4148, 22.5792, 1.7830



9.6617, 22.5792, 12.0737

Sweetspot

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



27.4487, 22.5798, 97.5194



66.0322, 68.2595, 104.3029



48.3386, 76.8189, 66.0720



13.4883, 13.8892, 22.2199



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.



27.4487, 22.5798, 97.5194



22.9178, 16.1345, 96.5141



25.8381, 14.2157, 95.9898



17.4439, 18.2594, 22.8550



10.8926, 6.6948, 50.1527



1.1510, 0.8326, 4.9133

Inverse Universe

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



46.8231, 26.7060, 21.4259



43.8974, 23.0903, 13.5582



65.5087, 86.7389, 18.6020



18.2320, 18.0761, 19.8386



22.2863, 11.4038, 4.8920



2.2156, 1.1286, 0.7165

Previews

White Background



This preview shows how the XYZ color 27.4477, 22.5792, 97.5193 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 27.4477, 22.5792, 97.5193 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

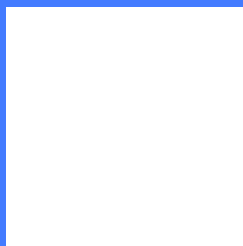
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4477, 22.5792, 97.5193

Background



This preview shows how black text looks on a background with the XYZ color 27.4477, 22.5792, 97.5193.



This preview shows how white text looks on a background with the XYZ color 27.4477, 22.5792,

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

27.4477, 22.5792, 97.5193

Protanopia

26.6025, 22.5156, 97.5516

Deuteranopia

22.8113, 22.5446, 78.7506



Tritanopia

15.8897, 22.3131, 34.4797

Trichromacy



Original Color

27.4477, 22.5792, 97.5193

Protanomaly

26.8332, 22.4475, 97.5263

Deuteranomaly

23.9551, 22.1860, 85.4578

Tritanomaly

18.5848, 21.5641, 52.4730

Monochromacy



Original Color

27.4477, 22.5792, 97.5193

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5821, 19.5880, 40.7790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4477, 22.5792, 97.5193 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(67, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(67, 123, 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(67, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.4477, 22.5792, 97.5193 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(67, 123, 255) }
```


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

```
.border{ border-color:rgb(67, 123, 255) }
```

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

Here you see how a box with a 4 pixel rgb(67, 123, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(67, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4477, 22.5792, 97.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 123, 255) }
```

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

```
.background{ background-color: rgb(67, 123,  
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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