

Converting Colors

XYZ(27.3167, 22.6387, 97.5377)

Have a look what the booklet for
XYZ(27.3167, 22.6387, 97.5377)
contains.

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Color

**XYZ(27.3720, 22.7253,
97.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	407CFF
RGB	64, 124, 255
RGB Percent	25%, 49%, 100%
CMY	0.7490, 0.5137, 0.0000
CMYK	0.75, 0.51, 0.00, 0.00
HSL	221°, 100%, 63%
HSV	221°, 75%, 100%
XYZ	27.3720, 22.7253, 97.5515
YIQ	120.9940, -77.8110, 28.0210

Conversions

Conversions Part 2

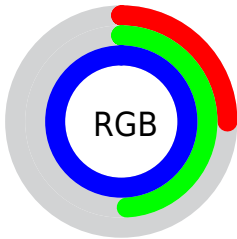
Format	Color
R _Y B	64, 110, 255
Decimal	4226303
CIE Lab	54.79, 25.06, -70.76
CIE LCh	55, 75.066, 289.506
Yxy	22.7253, 0.1854, 0.1539
Android (android.graphics.Color)	4282416383 (0xFF407CFF)
YUV	120.9940, 66.0650, -49.9837
Hunter-Lab	47.6711, 19.0676, -87.9581

Details

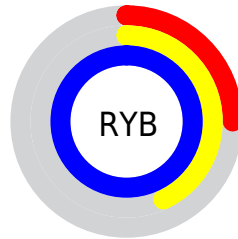
The XYZ color **27.3720, 22.7253, 97.5515** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **61.6840, 60.6667, 13.3114**, and the grayscale version is **17.9852, 18.9218, 20.6058**.

A 20% lighter version of the original color is **43.7287, 43.5049, 100.7003**, and **12.6625, 9.2001, 53.9317** is the 20% darker color. If you saturate the color by 10%, you get **24.0751, 18.0553, 96.8239**, and if you desaturate by 10%, it is **31.8168, 28.5643, 98.4443**.

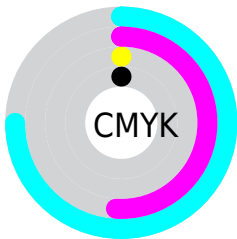
Distribution



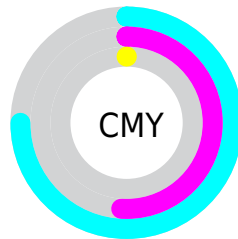
- Red (25%)
- Green (49%)
- Blue (100%)



- Red (25%)
- Yellow (43%)
- Blue (100%)



- Cyan (75%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3720, 22.7253, 97.5515 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 27.3720, 22.7253, 97.5515 by changing the saturation by 10% instead.

■ 27.3720, 22.7253,
97.5515

■ 27.3720, 22.7253,
97.5515

281.5886,
266.3109, 573.4932

■ 17.9908, 14.3908,
73.6518

■ 54.8959, 47.9419,
159.8107

■ 11.0431, 8.3930,
54.0141

■ 73.7694, 65.5927,
199.0073

■ 6.1633, 4.3474,
38.2196

■ 96.5377, 87.1179,
244.1400

■ 2.9862, 1.8697,
25.8501

■ 123.5661,
112.9016, 295.6272

■ 1.1465, 0.5301,
16.4867

155.2201,
143.3284, 353.8877

■ 0.0635, 0.0000,
9.7112

191.8649,

■ 0.0000, 0.0000,

178.7826, 419.3398

5.1048

233.8660,
219.6487, 492.4021

■ 0.0000, 0.0000,
2.2491

■ 0.0000, 0.0000,
0.7025

■ 27.3720, 22.7253,
97.5515

■ 27.3720, 22.7253,
97.5515

■ 24.0751, 18.0553,
96.8239

■ 31.8168, 28.5643,
98.4443

■ 21.7901, 14.4536,
96.2491

■ 37.5171, 35.6559,
99.5126

■ 20.9254, 12.9708,
96.0085

■ 44.5703, 44.0766,
100.7663

■ 53.0625, 53.8959,
102.2140

■ 63.0727, 65.1778,
103.8640

■ 74.6736, 77.9821,
105.7241

■ 87.9332, 92.3654,
107.8015

■ 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.



18.8243, 22.7253, 102.2588



27.3720, 22.7253, 97.5515



36.1327, 22.7253, 67.8094

Triad

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



27.3720, 22.7253, 97.5515



33.6938, 22.7253, 3.7314



9.4107, 22.7253, 17.3252

Complementary

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



27.3720, 22.7253, 97.5515



61.6840, 60.6667, 13.3114

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.



11.6031, 22.7253, 5.3609



27.3720, 22.7253, 97.5515



24.6353, 22.7253, 1.5277

Square

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



27.3720, 22.7253, 97.5515



40.3807, 22.7253, 12.4157



16.7020, 22.7253, 1.8365



9.7882, 22.7253, 43.3339

Rectangle

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



27.3720, 22.7253, 97.5515



40.2382, 22.7253, 44.4179



16.7020, 22.7253, 1.8365



9.8438, 22.7253, 11.9542

Sweetspot

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



27.3730, 22.7259, 97.5516



66.2660, 68.7272, 104.3808



47.6715, 76.5290, 63.6054



13.5429, 13.9983, 22.2381



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.



27.3730, 22.7259, 97.5516



22.7921, 16.0906, 96.5123



25.0329, 13.5426, 95.9024



17.4685, 18.3086, 22.8632



11.0510, 7.0116, 50.2055



1.1689, 0.8685, 4.9193

Inverse Universe

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



46.7123, 26.3836, 21.6995



43.7834, 22.8508, 13.5553



66.1968, 87.1038, 18.1764



18.2444, 18.0811, 19.9040



22.3662, 11.4358, 5.3131



2.2246, 1.1322, 0.7642

Previews

White Background



This preview shows how the XYZ color 27.3720, 22.7253, 97.5515 looks on a white background.

Color Contrast Check

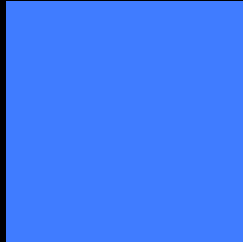
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3720, 22.7253, 97.5515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

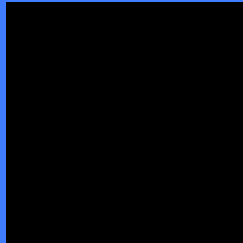
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

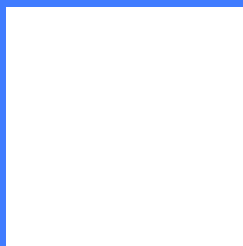
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3720, 22.7253, 97.5515

Background



This preview shows how black text looks on a background with the XYZ color 27.3720, 22.7253, 97.5515.



This preview shows how white text looks on a background with the XYZ color 27.3720, 22.7253,

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

27.3720, 22.7253, 97.5515

Protanopia

26.8262, 22.8198, 97.5985

Deuteranopia

22.9530, 22.6013, 79.4967



Tritanopia

16.0418, 22.6174, 34.5304

Trichromacy



Original Color

27.3720, 22.7253, 97.5515

Protanomaly

26.9592, 22.6995, 97.5683

Deuteranomaly

24.0642, 22.4387, 85.5009

Tritanomaly

18.7030, 21.8351, 52.5191

Monochromacy



Original Color

27.3720, 22.7253, 97.5515

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.4708, 19.5307, 40.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3720, 22.7253, 97.5515 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(64, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(64, 124, 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(64, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 124, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.3720, 22.7253, 97.5515 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(64, 124, 255) }
```


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

```
.border{ border-color:rgb(64, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(64, 124,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3720, 22.7253, 97.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 124, 255) }
```

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

```
.background{ background-color: rgb(64, 124,  
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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