

Converting Colors

XYZ(27.3452, 21.9092, 97.3954)

Have a look what the booklet for
XYZ(27.3452, 21.9092, 97.3954)
contains.

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Color

**XYZ(27.3650, 21.9925,
97.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	4778FF
RGB	71, 120, 255
RGB Percent	28%, 47%, 100%
CMY	0.7215, 0.5294, 0.0000
CMYK	0.72, 0.53, 0.00, 0.00
HSL	224°, 100%, 64%
HSV	224°, 72%, 100%
XYZ	27.3650, 21.9925, 97.4104
YIQ	120.7390, -72.5390, 31.5970

Conversions

Conversions Part 2

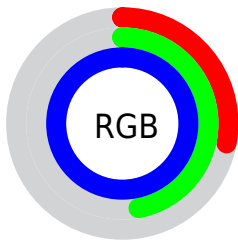
Format	Color
R _Y B	71, 110, 255
Decimal	4684031
CIE Lab	54.02, 28.35, -71.99
CIE LCh	54, 77.373, 291.496
Yxy	21.9925, 0.1865, 0.1498
Android (android.graphics.Color)	4282874111 (0xFF4778FF)
YUV	120.7390, 66.1907, -43.6211
Hunter-Lab	46.8962, 22.0906, -90.3270

Details

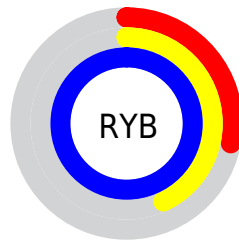
The XYZ color **27.3650, 21.9925, 97.4104** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **64.4522, 65.8639, 15.2794**, and the grayscale version is **17.9016, 18.8339, 20.5101**.

A 20% lighter version of the original color is **43.7870, 42.3878, 100.4816**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **23.8367, 17.1533, 96.6623**, and if you desaturate by 10%, it is **32.1188, 28.1163, 98.3419**.

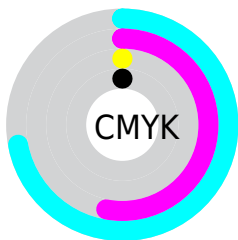
Distribution



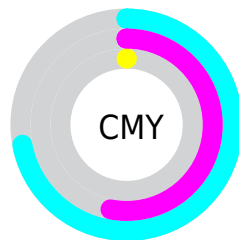
- Red (28%)
- Green (47%)
- Blue (100%)



- Red (28%)
- Yellow (43%)
- Blue (100%)



- Cyan (72%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3650, 21.9925, 97.4104 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 27.3650, 21.9925, 97.4104 by changing the saturation by 10% instead.

■ 27.3650, 21.9925,
97.4104

■ 27.3650, 21.9925,
97.4104

281.5555,
262.5071, 573.0334

■ 17.9855, 13.8514,
73.5348

■ 54.8848, 46.7336,
159.6146

■ 11.0392, 8.0174,
53.9189

■ 73.7558, 64.1024,
198.7803

■ 6.1607, 4.1061,
38.1441

■ 96.5214, 85.3158,
243.8799

■ 2.9846, 1.7331,
25.7919

■ 123.5470,
110.7584, 295.3317

■ 1.1456, 0.4449,
16.4436

155.1978,
140.8144, 353.5545

■ 0.0628, 0.0000,
9.6809

191.8392,

■ 0.0000, 0.0000,

175.8682, 418.9667

5.0851

233.8367,
216.3043, 491.9868

■ 0.0000, 0.0000,
2.2376

■ 0.0000, 0.0000,
0.6960

■ 27.3650, 21.9925,
97.4104

■ 27.3650, 21.9925,
97.4104

■ 23.8367, 17.1533,
96.6623

■ 32.1188, 28.1163,
98.3419

■ 21.3999, 13.4911,
96.0839

■ 38.2062, 35.6152,
99.4685

■ 20.1107, 11.3415,
95.7369

■ 45.7260, 44.5729,
100.8012

■ 54.7663, 55.0653,
102.3499

■ 65.4077, 67.1627,
104.1241

■ 77.7253, 80.9310,
106.1324

■ 91.7891, 96.4322,
108.3832

■ 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.



18.6148, 21.9925, 104.4443



27.3650, 21.9925, 97.4104



36.1770, 21.9925, 65.5692

Triad

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



27.3650, 21.9925, 97.4104



32.5944, 21.9925, 2.9654



8.6940, 21.9925, 17.7624

Complementary

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



27.3650, 21.9925, 97.4104



64.4522, 65.8639, 15.2794

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.



10.6775, 21.9925, 5.1979



27.3650, 21.9925, 97.4104



23.3719, 21.9925, 1.1753

Square

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



27.3650, 21.9925, 97.4104



39.7133, 21.9925, 10.7267



15.5483, 21.9925, 1.5751



9.2292, 21.9925, 45.0901

Rectangle

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



27.3650, 21.9925, 97.4104



40.1553, 21.9925, 41.7323



15.5483, 21.9925, 1.5751



9.0638, 21.9925, 12.1044

Sweetspot

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



27.3660, 21.9931, 97.4105



65.5819, 67.3590, 104.1528



49.4924, 77.3132, 70.6667



13.3833, 13.6792, 22.1849



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.



27.3660, 21.9931, 97.4105



22.5281, 15.2380, 96.3616



27.2361, 15.3017, 96.1258



17.3963, 18.1643, 22.8391



10.6119, 6.1333, 50.0591



1.1184, 0.7674, 4.9025

Inverse Universe

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



46.8842, 27.1242, 20.5338



43.7294, 23.1326, 12.3355



64.0692, 85.9825, 19.1829



18.2079, 18.0665, 19.7122



22.1446, 11.3471, 4.1459



2.1991, 1.1220, 0.6299

Previews

White Background



This preview shows how the XYZ color 27.3650, 21.9925, 97.4104 looks on a white background.

Color Contrast Check

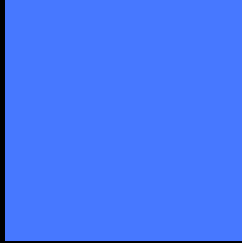
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3650, 21.9925, 97.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

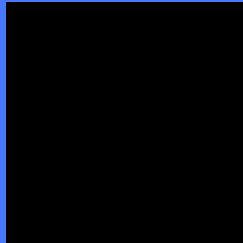
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3650, 21.9925, 97.4104

Background



This preview shows how black text looks on a background with the XYZ color 27.3650, 21.9925, 97.4104.



This preview shows how white text looks on a background with the XYZ color 27.3650, 21.9925,

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

27.3650, 21.9925, 97.4104

Protanopia

26.1721, 22.1067, 97.4953

Deuteranopia

22.1199, 21.8340, 76.4473



Tritanopia

15.4228, 21.6459, 33.5022

Trichromacy



Original Color

27.3650, 21.9925, 97.4104

Protanomaly

26.5491, 22.1160, 97.4773

Deuteranomaly

23.4480, 21.5714, 83.8168

Tritanomaly

18.2454, 20.9875, 51.8046

Monochromacy



Original Color

27.3650, 21.9925, 97.4104

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6866, 19.4606, 40.7489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3650, 21.9925, 97.4104 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(71, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 120, 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(71, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 120, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.3650, 21.9925, 97.4104 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(71, 120, 255) }
```


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

```
.border{ border-color:rgb(71, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 120,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3650, 21.9925, 97.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 120, 255) }
```

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

```
.background{ background-color: rgb(71, 120,  
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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