

Converting Colors

XYZ(30.1545, 21.8051, 97.2272)

Have a look what the booklet for
XYZ(30.1545, 21.8051, 97.2272)
contains.

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Color

**XYZ(30.0563, 21.6869,
97.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6EFF
RGB	110, 110, 255
RGB Percent	43%, 43%, 100%
CMY	0.5686, 0.5686, 0.0000
CMYK	0.57, 0.57, 0.00, 0.00
HSL	240°, 100%, 72%
HSV	240°, 57%, 100%
XYZ	30.0563, 21.6869, 97.2096
YIQ	126.5300, -46.5450, 45.0950

Conversions

Conversions Part 2

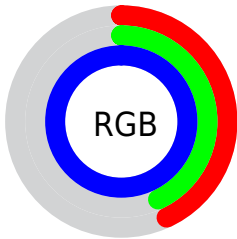
Format	Color
R _Y B	110, 110, 255
Decimal	7237375
CIE Lab	53.69, 40.24, -72.42
CIE LCh	54, 82.851, 299.061
Yxy	21.6869, 0.2018, 0.1456
Android (android.graphics.Color)	4285427455 (0xFF6E6EFF)
YUV	126.5300, 63.3357, -14.4968
Hunter-Lab	46.5692, 33.7099, -91.1649

Details

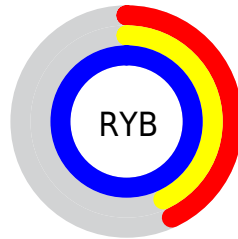
The XYZ color **30.0563, 21.6869, 97.2096** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **79.8125, 93.9047, 28.6710**, and the grayscale version is **19.8148, 20.8467, 22.7021**.

A 20% lighter version of the original color is **47.9836, 41.8313, 100.1530**, and **12.4938, 7.8338, 53.6769** is the 20% darker color. If you saturate the color by 10%, you get **24.9611, 15.5470, 96.2930**, and if you desaturate by 10%, it is **36.8573, 29.8810, 98.4328**.

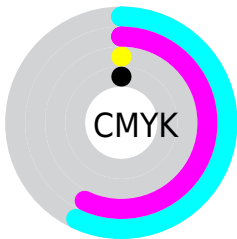
Distribution



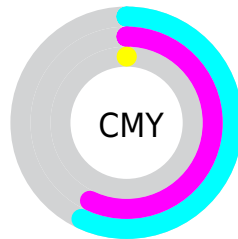
- Red (43%)
- Green (43%)
- Blue (100%)



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



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



- Cyan (57%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0563, 21.6869, 97.2096 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 30.0563, 21.6869, 97.2096 by changing the saturation by 10% instead.

■ 30.0563, 21.6869,
97.2096

■ 30.0563, 21.6869,
97.2096

294.0719,
260.9068, 572.3789

■ 20.0296, 13.6270,
73.3684

■ 59.1372, 46.2280,
159.3355

■ 12.5250, 7.8617,
53.7836

■ 78.9222, 63.4779,
198.4572

■ 7.1770, 4.0066,
38.0367

■ 102.6906, 84.5601,
243.5095

■ 3.6203, 1.6772,
25.7091

■ 130.8078,
109.8587, 294.9110

■ 1.4897, 0.4089,
16.3823

163.6392,
139.7584, 353.0801

■ 0.3188, 0.0000,
9.6378

201.5501,

■ 0.0000, 0.0000,

174.6433, 418.4354

5.0570

244.9059,
214.8980, 491.3955

■ 0.0000, 0.0000,
2.2214

■ 0.0000, 0.0000,
0.6867

■ 30.0563, 21.6869,
97.2096

■ 30.0563, 21.6869,
97.2096

■ 24.9611, 15.5470,
96.2930

■ 36.8573, 29.8810,
98.4328

■ 21.4182, 11.2781,
95.6558

■ 45.4939, 40.2876,
99.9862

■ 19.2515, 8.6675,
95.2661

■ 56.0869, 53.0516,
101.8916

■ 18.2371, 7.4454,
95.0836

■ 68.7459, 68.3049,
104.1686

■ 18.0501, 7.2201,
95.0500

■ 83.5722, 86.1699,
106.8355

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.



20.3344, 21.6869, 113.8568



30.0563, 21.6869, 97.2096



38.9742, 21.6869, 58.6794

Triad

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



30.0563, 21.6869, 97.2096



30.6833, 21.6869, 1.6109



7.8303, 21.6869, 22.8217

Complementary

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



30.0563, 21.6869, 97.2096



79.8125, 93.9047, 28.6710

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.



9.1721, 21.6869, 6.3513



30.0563, 21.6869, 97.2096



20.8936, 21.6869, 0.6806

Square

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



30.0563, 21.6869, 97.2096



39.4033, 21.6869, 6.9469



13.3888, 21.6869, 1.4809



9.0101, 21.6869, 56.1717

Rectangle

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



30.0563, 21.6869, 97.2096



42.3014, 21.6869, 34.1481



13.3888, 21.6869, 1.4809



7.9928, 21.6869, 15.5042

Sweetspot

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



30.0573, 21.6875, 97.2097



68.5571, 68.0775, 104.1347



60.2405, 82.0551, 107.2709



14.0944, 13.8730, 22.1848



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.



30.0573, 21.6875, 97.2097



24.4828, 14.9707, 96.2070



43.0359, 28.3782, 97.8170



17.0032, 17.3778, 22.7080



9.4316, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

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



64.8651, 39.6317, 98.8339



62.2761, 34.4540, 97.9700



57.9843, 82.6519, 27.6495



18.7927, 18.3004, 22.7916



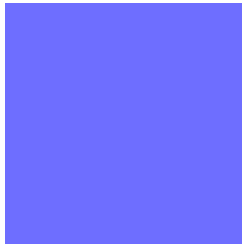
30.9795, 14.8811, 50.6698



3.0164, 1.4489, 4.9336

Previews

White Background



This preview shows how the XYZ color 30.0563, 21.6869, 97.2096 looks on a white background.

Color Contrast Check

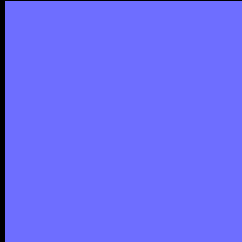
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0563, 21.6869, 97.2096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

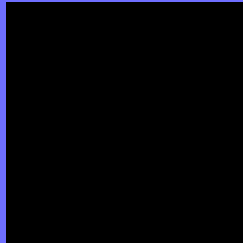
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0563, 21.6869, 97.2096

Background



This preview shows how black text looks on a background with the XYZ color 30.0563, 21.6869, 97.2096.

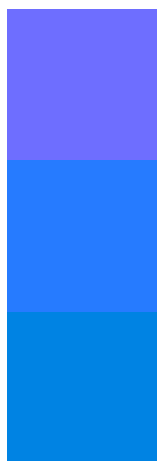


This preview shows how white text looks on a background with the XYZ color 30.0563, 21.6869,

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

30.0563, 21.6869, 97.2096

Protanopia

25.9323, 21.7980, 97.4484

Deuteranopia

21.9814, 21.7787, 75.7182



Tritanopia

16.9675, 21.6121, 31.7110

Trichromacy



Original Color

30.0563, 21.6869, 97.2096

Protanomaly

26.6428, 21.2669, 97.3084

Deuteranomaly

23.2441, 20.7315, 82.8972

Tritanomaly

20.4524, 20.9540, 50.5435

Monochromacy



Original Color

30.0563, 21.6869, 97.2096

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.3625, 20.7957, 42.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0563, 21.6869, 97.2096 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(110, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 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(110, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.0563, 21.6869, 97.2096 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(110, 110, 255) }
```


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

```
.border{ border-color:rgb(110, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0563, 21.6869, 97.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 255) }
```

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

```
.background{ background-color: rgb(110,  
110, 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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