

Converting Colors

XYZ(31.9756, 27.2214, 95.7821)

Have a look what the booklet for
XYZ(31.9756, 27.2214, 95.7821)
contains.

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Color

**XYZ(32.0604, 27.3595,
95.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	6987FC
RGB	105, 135, 252
RGB Percent	41%, 53%, 99%
CMY	0.5882, 0.4706, 0.0118
CMYK	0.58, 0.46, 0.00, 0.01
HSL	228°, 96%, 70%
HSV	228°, 58%, 99%
XYZ	32.0604, 27.3595, 95.6866
YIQ	139.3680, -55.4370, 30.0270

Conversions

Conversions Part 2

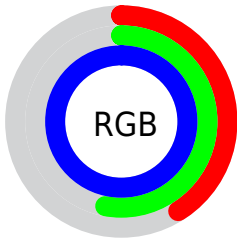
Format	Color
R _Y B	105, 130, 252
Decimal	6916092
CIE Lab	59.31, 23.46, -61.73
CIE LCh	59, 66.040, 290.809
Yxy	27.3595, 0.2067, 0.1764
Android (android.graphics.Color)	4285106172 (0xFF6987FC)
YUV	139.3680, 55.5276, -30.1407
Hunter-Lab	52.3063, 17.8730, -71.8478

Details

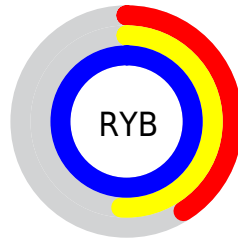
The XYZ color **32.0604, 27.3595, 95.6866** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.8186, 73.9621, 24.0157**, and the grayscale version is **24.4915, 25.7670, 28.0602**.

A 20% lighter version of the original color is **51.7591, 51.2934, 101.7804**, and **13.7135, 10.8717, 53.0054** is the 20% darker color. If you saturate the color by 10%, you get **26.9871, 20.9740, 94.7221**, and if you desaturate by 10%, it is **38.5399, 35.2531, 96.8693**.

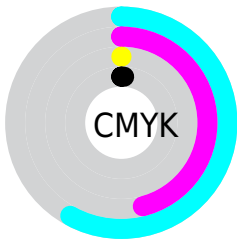
Distribution



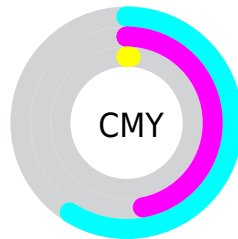
- Red (41%)
- Green (53%)
- Blue (99%)



- Red (41%)
- Yellow (51%)
- Blue (99%)



- Cyan (58%)
- Magenta (46%)
- Yellow (0%)
- Black (1%)



- Cyan (59%)
- Magenta (47%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0604, 27.3595, 95.6866 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 32.0604, 27.3595, 95.6866 by changing the saturation by 10% instead.

■ 32.0604, 27.3595,
95.6866

■ 32.0604, 27.3595,
95.6866

303.1347,
289.3936, 567.4011

■ 21.5634, 17.8434,
72.1065

■ 62.2703, 55.4602,
157.2166

■ 13.6513, 10.8376,
52.7583

■ 82.7140, 74.8136,
196.0035

■ 7.9586, 5.9577,
37.2235

■ 107.2039, 98.2149,
240.6965

■ 4.1200, 2.8194,
25.0834

136.1054,
126.0485, 291.7141

■ 1.7703, 1.0382,
15.9196

169.7839,
158.6988, 349.4748

■ 0.4997, 0.0000,
9.3136

208.6047,

■ 0.0000, 0.0000,

196.5501, 414.3972

4.8467

252.9332,
239.9869, 486.8998

■ 0.0000, 0.0000,
2.1004

■ 0.0000, 0.0000,
0.6160

■ 32.0604, 27.3595,
95.6866

■ 32.0604, 27.3595,
95.6866

■ 26.9871, 20.9740,
94.7221

■ 38.5399, 35.2531,
96.8693

■ 23.2068, 15.9933,
93.9599

■ 46.5197, 44.7430,
98.2805

■ 20.5935, 12.3042,
93.3856

■ 56.0895, 55.9137,
99.9322

■ 18.9787, 9.7660,
92.9808

■ 67.3311, 68.8426,
101.8353

■ 18.7731, 9.4328,
92.9273

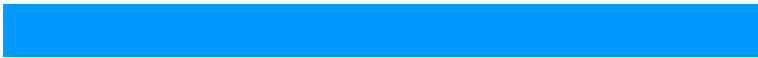
■ 80.3204, 83.6024,
103.9996

94.5708, 99.8083,
106.3766

Harmonies

Analogous

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



23.5507, 27.3595, 100.9653



32.0604, 27.3595, 95.6866



40.3478, 27.3595, 68.7360

Triad

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



32.0604, 27.3595, 95.6866



37.3789, 27.3595, 6.6225



13.2722, 27.3595, 23.1031

Complementary

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



32.0604, 27.3595, 95.6866



68.8186, 73.9621, 24.0157

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.



15.5406, 27.3595, 9.3086



32.0604, 27.3595, 95.6866



28.6229, 27.3595, 3.6768

Square

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



32.0604, 27.3595, 95.6866



43.8419, 27.3595, 16.3834



20.7635, 27.3595, 4.2993



13.8104, 27.3595, 49.0322

Rectangle

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



32.0604, 27.3595, 95.6866



44.0594, 27.3595, 47.3700



20.7635, 27.3595, 4.2993



13.7101, 27.3595, 17.2064

Sweetspot

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



32.0616, 27.3604, 95.6873



70.8240, 72.6119, 104.8904



53.5757, 77.8004, 80.0092



14.6218, 14.9280, 22.3607



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.



32.0616, 27.3604, 95.6873



26.9668, 20.5700, 97.1568



34.5942, 23.3043, 94.7709



16.5699, 17.2166, 21.8351



9.8621, 5.0798, 48.4343



0.9852, 0.6140, 4.5098

Inverse Universe

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



49.5708, 32.5496, 26.5922



46.8353, 27.6886, 18.4758



64.0397, 84.3948, 26.2813



17.3894, 17.2831, 18.6405



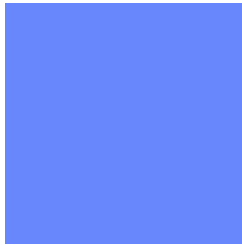
21.2700, 10.9237, 2.8641



2.0062, 1.0262, 0.4560

Previews

White Background



This preview shows how the XYZ color 32.0604, 27.3595, 95.6866 looks on a white background.

Color Contrast Check

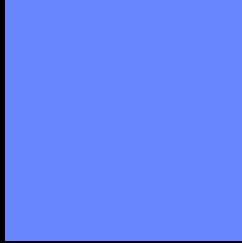
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0604, 27.3595, 95.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

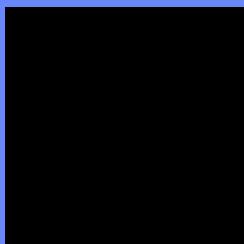
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

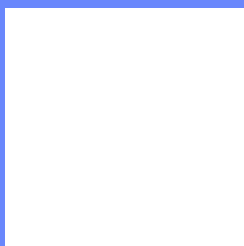
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0604, 27.3595, 95.6866

Background



This preview shows how black text looks on a background with the XYZ color 32.0604, 27.3595, 95.6866.



This preview shows how white text looks on a background with the XYZ color 32.0604, 27.3595,

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

32.0604, 27.3595, 95.6866

Protanopia

30.9762, 27.3754, 98.2591

Deuteranopia

28.4952, 27.5016, 94.2490



Tritanopia

20.9849, 27.1664, 40.6968

Trichromacy



Original Color

32.0604, 27.3595, 95.6866

Protanomaly

31.3493, 27.3742, 97.3974

Deuteranomaly

29.3917, 27.2800, 94.9832

Tritanomaly

24.1064, 26.7385, 57.3166

Monochromacy



Original Color

32.0604, 27.3595, 95.6866

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0791, 25.9843, 46.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0604, 27.3595, 95.6866 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(105, 135, 252)` looks like.

```
.text, #text, p{  
    color:rgb(105, 135, 252)  
}
```

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(105, 135, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 135, 252) }
```

Border

The CSS property to change the border of an element to XYZ 32.0604, 27.3595, 95.6866 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(105, 135, 252) }
```


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

```
.border{ border-color:rgb(105, 135, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 135, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 135, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 135, 252);  
box-shadow:4px 4px 4px 4px rgb(105, 135,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0604, 27.3595, 95.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 135, 252) }
```

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

```
.background{ background-color: rgb(105,  
135, 252) }
```

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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