

Converting Colors

XYZ(27.2072, 24.3006, 93.7003)

Have a look what the booklet for
XYZ(27.2072, 24.3006, 93.7003)
contains.

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Color

**XYZ(27.1939, 24.2745,
93.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	3984FA
RGB	57, 132, 250
RGB Percent	22%, 52%, 98%
CMY	0.7764, 0.4824, 0.0196
CMYK	0.77, 0.47, 0.00, 0.02
HSL	217°, 95%, 60%
HSV	217°, 77%, 98%
XYZ	27.1939, 24.2745, 93.6947
YIQ	123.0270, -82.5780, 20.7980

Conversions

Conversions Part 2

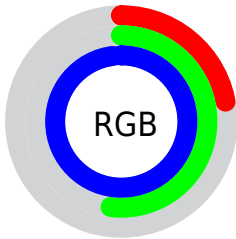
Format	Color
R _Y B	57, 111, 250
Decimal	3769594
CIE Lab	56.36, 17.57, -65.47
CIE LCh	56, 67.785, 285.019
Yxy	24.2745, 0.1873, 0.1672
Android (android.graphics.Color)	4281959674 (0xFF3984FA)
YUV	123.0270, 62.5977, -57.9057
Hunter-Lab	49.2692, 12.3013, -78.2628

Details

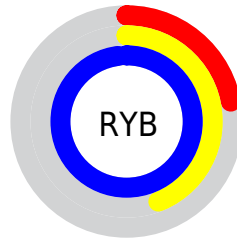
The XYZ color **27.1939, 24.2745, 93.6947** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **55.4964, 51.2856, 10.8470**, and the grayscale version is **18.6571, 19.6288, 21.3757**.

A 20% lighter version of the original color is **44.3964, 46.2468, 101.1943**, and **12.7960, 10.1909, 51.7447** is the 20% darker color. If you saturate the color by 10%, you get **24.1796, 19.8656, 93.0032**, and if you desaturate by 10%, it is **31.2148, 29.6535, 94.5216**.

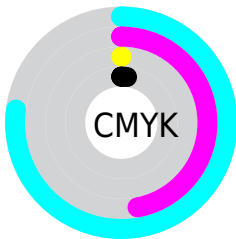
Distribution



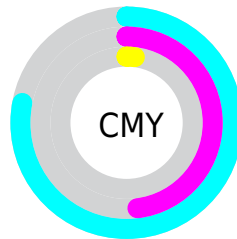
- Red (22%)
- Green (52%)
- Blue (98%)



- Red (22%)
- Yellow (44%)
- Blue (98%)



- Cyan (77%)
- Magenta (47%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (48%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1939, 24.2745, 93.6947 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 27.1939, 24.2745, 93.6947 by changing the saturation by 10% instead.

■ 27.1939, 24.2745,
93.6947

■ 27.1939, 24.2745,
93.6947

280.7452,
274.2053, 560.8549

■ 17.8562, 15.5374,
70.4582

■ 54.6126, 50.4778,
154.4401

■ 10.9459, 9.1974,
51.4210

■ 73.4243, 68.7127,
192.7860

■ 6.0975, 4.8702,
36.1647

■ 96.1247, 90.8824,
237.0055

■ 2.9457, 2.1713,
24.2708

■ 123.0792,
117.3711, 287.5170

■ 1.1251, 0.7043,
15.3205

154.6532,
148.5634, 344.7392

■ 0.0460, 0.0000,
8.8955

191.2119,

■ 0.0000, 0.0000,

184.8436, 409.0906

4.5772

233.1208,
226.5961, 480.9896

■ 0.0000, 0.0000,
1.9471

■ 0.0000, 0.0000,
0.5224

■ 27.1939, 24.2745,
93.6947

■ 27.1939, 24.2745,
93.6947

■ 24.1796, 19.8656,
93.0032

■ 31.2148, 29.6535,
94.5216

■ 22.0386, 16.3382,
92.4351

■ 36.3422, 36.0719,
95.4902

■ 21.5430, 15.4773,
92.2951

■ 42.6660, 43.5937,
96.6088

■ 50.2652, 52.2761,
97.8841

■ 59.2117, 62.1716,
99.3226

■ 69.5718, 73.3295,
100.9303

■ 81.4069, 85.7959,
102.7128

■ 94.0294, 99.2300,
104.6405

■ 94.2554, 99.6822,
104.7159

Harmonies

Analogous

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



19.3980, 24.2745, 93.7116



27.1939, 24.2745, 93.6947



35.4319, 24.2745, 70.0769

Triad

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



27.1939, 24.2745, 93.6947



35.4227, 24.2745, 6.1687



11.3780, 24.2745, 16.7851

Complementary

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



27.1939, 24.2745, 93.6947



55.4964, 51.2856, 10.8470

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.



13.9838, 24.2745, 6.1763



27.1939, 24.2745, 93.6947



27.1833, 24.2745, 2.8353

Square

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



27.1939, 24.2745, 93.6947



40.8641, 24.2745, 16.7650



19.3895, 24.2745, 2.8369



11.3796, 24.2745, 39.2401

Rectangle

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



27.1939, 24.2745, 93.6947



39.5700, 24.2745, 49.1190



19.3895, 24.2745, 2.8369



11.9465, 24.2745, 12.0921

Sweetspot

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



27.1950, 24.2752, 93.6954



66.2738, 69.7382, 104.5756



43.3982, 72.2516, 51.0957



13.3774, 14.0509, 22.2570



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.



27.1950, 24.2752, 93.6954



23.8721, 18.4981, 96.9200



21.7248, 11.3793, 91.4945



16.8361, 17.7490, 21.9238



11.5564, 8.4684, 48.9990



1.1698, 0.9833, 4.5713

Inverse Universe

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



45.0534, 24.9178, 24.2651



44.2681, 22.8135, 16.8209



67.7837, 85.6067, 16.8240



17.5238, 17.3369, 19.3481



22.1252, 11.2658, 7.3675



2.0994, 1.0635, 0.9468

Previews

White Background



This preview shows how the XYZ color 27.1939, 24.2745, 93.6947 looks on a white background.

Color Contrast Check

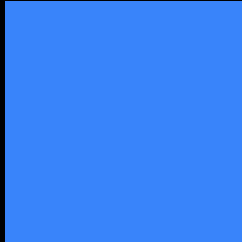
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1939, 24.2745, 93.6947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

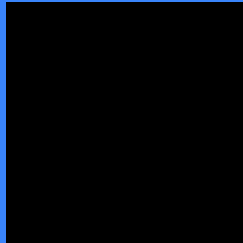
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

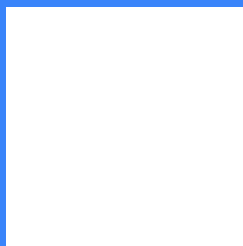
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1939, 24.2745, 93.6947

Background



This preview shows how black text looks on a background with the XYZ color 27.1939, 24.2745, 93.6947.



This preview shows how white text looks on a background with the XYZ color 27.1939, 24.2745,

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

27.1939, 24.2745, 93.6947

Protanopia

27.6736, 24.1590, 92.0115

Deuteranopia

24.8228, 24.2422, 86.5900



Tritanopia

17.0926, 24.0330, 36.9957

Trichromacy



Original Color

27.1939, 24.2745, 93.6947

Protanomaly

27.5299, 24.2654, 92.8552

Deuteranomaly

25.3024, 24.0190, 88.8905

Tritanomaly

19.7574, 23.6546, 53.9765

Monochromacy



Original Color

27.1939, 24.2745, 93.6947

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7679, 20.4389, 40.4393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1939, 24.2745, 93.6947 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(57, 132, 250)` looks like.

```
.text, #text, p{  
    color:rgb(57, 132, 250)  
}
```

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(57, 132, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 132, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.1939, 24.2745, 93.6947 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(57, 132, 250) }
```


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

```
.border{ border-color:rgb(57, 132, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 132, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 132, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 132, 250); box-shadow:4px 4px 4px 4px rgb(57, 132, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1939, 24.2745, 93.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 132, 250) }
```

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

```
.background{ background-color: rgb(57, 132,  
250) }
```

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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