

Converting Colors

XYZ(27.4151, 22.9351, 93.3427)

Have a look what the booklet for
XYZ(27.4151, 22.9351, 93.3427)
contains.

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Color

**XYZ(27.4906, 23.0652,
93.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7DFA
RGB	75, 125, 250
RGB Percent	29%, 49%, 98%
CMY	0.7058, 0.5098, 0.0196
CMYK	0.70, 0.50, 0.00, 0.02
HSL	223°, 95%, 64%
HSV	223°, 70%, 98%
XYZ	27.4906, 23.0652, 93.4456
YIQ	124.3000, -69.9250, 28.2750

Conversions

Conversions Part 2

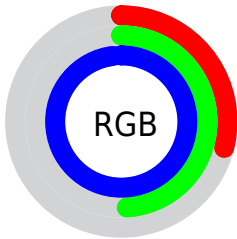
Format	Color
R _Y B	75, 114, 250
Decimal	4947450
CIE Lab	55.14, 24.03, -67.41
CIE LCh	55, 71.562, 289.618
Yxy	23.0652, 0.1909, 0.1602
Android (android.graphics.Color)	4283137530 (0xFF4B7DFA)
YUV	124.3000, 61.9701, -43.2361
Hunter-Lab	48.0262, 18.1289, -81.7433

Details

The XYZ color **27.4906, 23.0652, 93.4456** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **61.3520, 62.1464, 15.4206**, and the grayscale version is **19.0760, 20.0695, 21.8557**.

A 20% lighter version of the original color is **44.9275, 44.4151, 100.8128**, and **12.2795, 9.1580, 51.5725** is the 20% darker color. If you saturate the color by 10%, you get **23.8439, 18.1256, 92.6849**, and if you desaturate by 10%, it is **32.3135, 29.2147, 94.3789**.

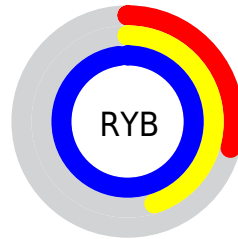
Distribution



Red (29%)

Green (49%)

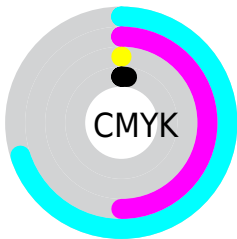
Blue (98%)



Red (29%)

Yellow (45%)

Blue (98%)

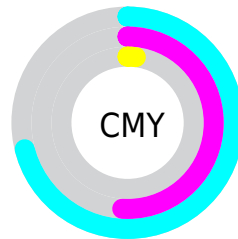


Cyan (70%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4906, 23.0652, 93.4456 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 27.4906, 23.0652, 93.4456 by changing the saturation by 10% instead.

■ 27.4906, 23.0652,
93.4456

■ 27.4906, 23.0652,
93.4456

282.1492,
268.0597, 560.0334

■ 18.0805, 14.6417,
70.2522

■ 55.0845, 48.5004,
154.0924

■ 11.1078, 8.5683,
51.2541

■ 73.9990, 66.2808,
192.3829

■ 6.2072, 4.4607,
36.0327

■ 96.8123, 87.9489,
236.5429

■ 3.0134, 1.9345,
24.1696

■ 123.8899,
113.8892, 286.9909

■ 1.1608, 0.5690,
15.2461

155.5970,
144.4861, 344.1453

■ 0.0751, 0.0000,
8.8438

192.2990,

■ 0.0000, 0.0000,

180.1238, 408.4249

4.5440

234.3613,
221.1869, 480.2481

■ 0.0000, 0.0000,
1.9283

■ 0.0000, 0.0000,
0.5106

■ 27.4906, 23.0652,
93.4456

■ 27.4906, 23.0652,
93.4456

■ 23.8439, 18.1256,
92.6849

■ 32.3135, 29.2147,
94.3789

■ 21.2527, 14.3011,
92.0833

■ 38.4101, 36.6540,
95.4935

■ 19.5360, 11.4630,
91.6260

■ 45.8705, 45.4576,
96.7996

■ 19.5353, 11.4619,
91.6258

■ 54.7753, 55.6934,
98.3060

■ 65.1987, 67.4244,
100.0209

■ 77.2096, 80.7097,
101.9522

■ 90.8725, 95.6052,
104.1072

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



19.2715, 23.0652, 97.9143



27.4906, 23.0652, 93.4456



35.8165, 23.0652, 65.7154

Triad

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



27.4906, 23.0652, 93.4456



33.4464, 23.0652, 4.3064



10.0257, 23.0652, 17.9963

Complementary

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



27.4906, 23.0652, 93.4456



61.3520, 62.1464, 15.4206

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.



12.1862, 23.0652, 6.0434



27.4906, 23.0652, 93.4456



24.8067, 23.0652, 1.9429

Square

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



27.4906, 23.0652, 93.4456



39.7920, 23.0652, 13.0574



17.1626, 23.0652, 2.2949



10.4102, 23.0652, 42.9532

Rectangle

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



27.4906, 23.0652, 93.4456



39.6880, 23.0652, 43.7451



17.1626, 23.0652, 2.2949



10.4529, 23.0652, 12.7048

Sweetspot

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



27.4917, 23.0659, 93.4462



67.0064, 69.1956, 104.4322



47.2243, 73.9223, 64.9061



13.6721, 14.0603, 22.2432



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.



27.4917, 23.0659, 93.4462



23.7069, 17.1881, 96.6759



26.2039, 15.2515, 92.0058



16.6868, 17.4505, 21.8741



10.4675, 6.2907, 48.6361



1.0557, 0.7551, 4.5333

Inverse Universe

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



45.6432, 26.8385, 22.1769



44.4238, 23.7912, 14.8186



63.4814, 83.3273, 19.3967



17.4485, 17.3067, 18.9513



21.5756, 11.0459, 4.4733



2.0418, 1.0405, 0.6436

Previews

White Background



This preview shows how the XYZ color 27.4906, 23.0652, 93.4456 looks on a white background.

Color Contrast Check

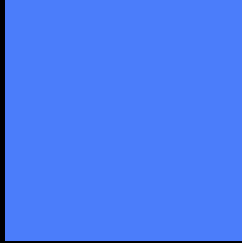
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4906, 23.0652, 93.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

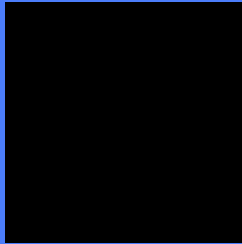
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4906, 23.0652, 93.4456

Background



This preview shows how black text looks on a background with the XYZ color 27.4906, 23.0652, 93.4456.



This preview shows how white text looks on a background with the XYZ color 27.4906, 23.0652,

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

27.4906, 23.0652, 93.4456

Protanopia

26.9637, 23.1368, 95.1402

Deuteranopia

23.5205, 23.0484, 81.8064



Tritanopia

16.3647, 22.9921, 35.4737

Trichromacy



Original Color

27.4906, 23.0652, 93.4456

Protanomaly

27.0534, 23.0106, 94.2824

Deuteranomaly

24.2965, 22.7569, 85.5500

Tritanomaly

18.9444, 22.1716, 52.5713

Monochromacy



Original Color

27.4906, 23.0652, 93.4456

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4072, 20.3818, 40.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4906, 23.0652, 93.4456 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(75, 125, 250)` looks like.

```
.text, #text, p{  
    color:rgb(75, 125, 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(75, 125, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 125, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.4906, 23.0652, 93.4456 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(75, 125, 250) }
```


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

```
.border{ border-color:rgb(75, 125, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 125, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 125, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 125, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 125,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4906, 23.0652, 93.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 125, 250) }
```

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

```
.background{ background-color: rgb(75, 125,  
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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