

Converting Colors

XYZ(26.0831, 31.1140, 39.5504)

Have a look what the booklet for
XYZ(26.0831, 31.1140, 39.5504)
contains.

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Color

**XYZ(26.0384, 31.0540,
39.7436)**

Conversions

Conversions Part 1

Format	Color
Hex	729FA4
RGB	114, 159, 164
RGB Percent	45%, 62%, 64%
CMY	0.5529, 0.3765, 0.3569
CMYK	0.30, 0.03, 0.00, 0.36
HSL	186°, 22%, 55%
HSV	186°, 30%, 64%
XYZ	26.0384, 31.0540, 39.7436
YIQ	146.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

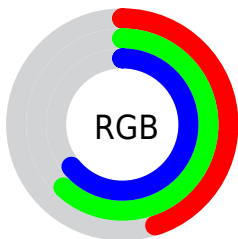
Format	Color
RYB	114, 138, 164
Decimal	7511972
CIELab	62.55, -13.86, -7.50
CIELCh	63, 15.755, 208.413
Yxy	31.0540, 0.2689, 0.3207
Android (android.graphics.Color)	4285702052 (0xFF729FA4)
YUV	146.1150, 8.8173, -28.1649
Hunter-Lab	55.7261, -14.1154, -3.2771

Details

The XYZ color **26.0384, 31.0540, 39.7436** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9443, 22.3013, 18.9102**, and the grayscale version is **27.3428, 28.7668, 31.3270**.

A 20% lighter version of the original color is **52.7691, 61.4231, 76.0924**, and **10.2322, 12.7420, 17.2494** is the 20% darker color. If you saturate the color by 10%, you get **23.8137, 29.4921, 39.5599**, and if you desaturate by 10%, it is **28.6512, 32.8230, 39.9479**.

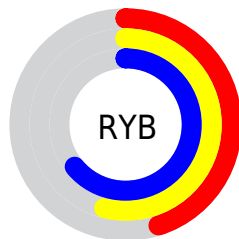
Distribution



Red (45%)

Green (62%)

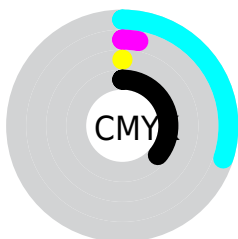
Blue (64%)



Red (45%)

Yellow (54%)

Blue (64%)

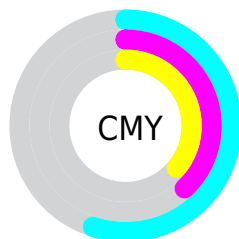


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0384, 31.0540, 39.7436 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 26.0384, 31.0540, 39.7436 by changing the saturation by 10% instead.

■ 26.0384, 31.0540,
39.7436

■ 26.0384, 31.0540,
39.7436

275.2238,
306.7870, 360.5616

■ 16.9852, 20.6400,
27.0264

■ 52.7677, 61.3251,
76.0057

■ 10.3192, 12.8611,
17.3605

■ 71.1746, 81.9509,
100.3878

■ 5.6750, 7.3330,
10.3272

■ 93.4301, 106.7495,
129.4952

■ 2.6872, 3.6712,
5.5080

119.8995,
136.1052, 163.7465

■ 0.9906, 1.4914,
2.4844

150.9482,
170.4024, 203.5602

■ 0.0000, 0.2827,
0.8319

186.9416,

■ 0.0000, 0.0000,

210.0255, 249.3550

0.0000

228.2450,
255.3589, 301.5493

■ 26.0384, 31.0540,
39.7436

■ 26.0384, 31.0540,
39.7436

■ 23.8137, 29.4921,
39.5599

■ 28.6512, 32.8230,
39.9479

■ 21.9539, 28.1231,
39.3937

■ 31.6682, 34.8052,
40.1715

■ 20.4374, 26.9366,
39.2446

■ 35.1081, 37.0111,
40.4159

■ 19.2396, 25.9199,
39.1115

■ 38.9875, 39.4490,
40.6820

■ 18.3320, 25.0583,
38.9930

■ 43.3220, 42.1273,
40.9705

■ 17.6817, 24.3347,
38.8876

■ 48.1268, 45.0537,
41.2821

■ 17.2293, 23.7371,
38.7961

■ 53.4159, 48.2354,
41.6175

■ 59.2031, 51.6795,
41.9773

■ 63.0302, 54.1190,
42.2464

Harmonies

Analogous

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



25.5860, 31.0540, 33.4868



26.0384, 31.0540, 39.7436



27.4100, 31.0540, 44.8929

Triad

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



26.0384, 31.0540, 39.7436



33.1665, 31.0540, 40.3773



29.6301, 31.0540, 23.3358

Complementary

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



26.0384, 31.0540, 39.7436



24.9443, 22.3013, 18.9102

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.



31.7270, 31.0540, 24.7242



26.0384, 31.0540, 39.7436



33.8289, 31.0540, 34.1403

Square

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



26.0384, 31.0540, 39.7436



31.5201, 31.0540, 45.2888



33.2900, 31.0540, 28.5030



27.5985, 31.0540, 24.4599

Rectangle

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



26.0384, 31.0540, 39.7436



28.6961, 31.0540, 46.7389



33.2900, 31.0540, 28.5030



30.3512, 31.0540, 23.5205

Sweetspot

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



26.0393, 31.0552, 39.7443



58.2605, 63.6805, 72.9732



23.4954, 31.4409, 22.0226



12.5577, 13.8057, 15.9404



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0393, 31.0552, 39.7443



44.2843, 54.2880, 71.8969



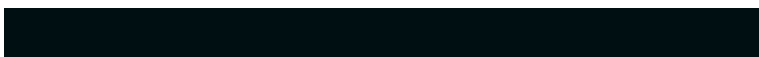
22.2817, 23.5399, 38.4918



7.2153, 7.8897, 9.0456



13.2300, 18.2395, 29.7531



0.2942, 0.4157, 0.6306

Inverse Universe

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



27.5859, 22.4311, 35.6779



47.6207, 36.1089, 63.0292



28.1952, 28.8031, 19.9938



7.3337, 7.1899, 8.7435



15.8234, 7.6854, 22.0583



0.3407, 0.1648, 0.5066

Previews

White Background



This preview shows how the XYZ color 26.0384, 31.0540, 39.7436 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.0384, 31.0540, 39.7436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

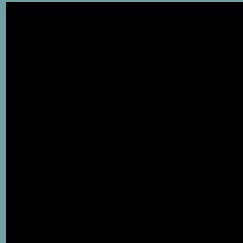
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0384, 31.0540, 39.7436

Background



This preview shows how black text looks on a background with the XYZ color 26.0384, 31.0540, 39.7436.

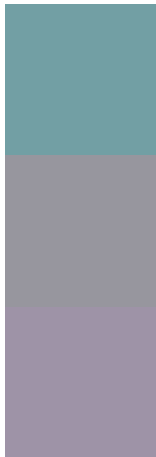


This preview shows how white text looks on a background with the XYZ color 26.0384, 31.0540,

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

26.0384, 31.0540, 39.7436

Protanopia

29.8404, 30.8606, 36.7317

Deuteranopia

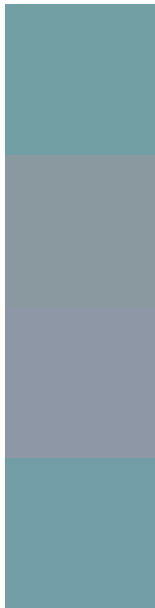
31.5093, 30.9266, 40.8679



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

26.0384, 31.0540, 39.7436

Protanomaly

28.2176, 30.7238, 37.7008

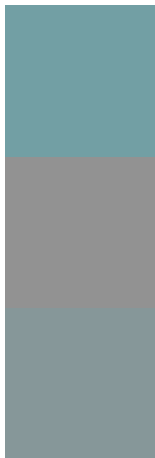
Deuteranomaly

29.1049, 30.6372, 40.4560

Tritanomaly

26.3650, 30.9257, 41.6255

Monochromacy



Original Color

26.0384, 31.0540, 39.7436

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6479, 29.5015, 34.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0384, 31.0540, 39.7436 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(114, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 164)  
}
```

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(114, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.0384, 31.0540, 39.7436 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(114, 159, 164) }
```


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

```
.border{ border-color:rgb(114, 159, 164) }
```

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

Here you see how a box with a 4 pixel rgb(114, 159, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(114, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0384, 31.0540, 39.7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 164) }
```

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

```
.background{ background-color: rgb(114,  
159, 164) }
```

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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