

Converting Colors

XYZ(31.4433, 23.7887, 97.5535)

Have a look what the booklet for
XYZ(31.4433, 23.7887, 97.5535)
contains.

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Color

**XYZ(31.4679, 23.7543,
97.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	7276FF
RGB	114, 118, 255
RGB Percent	45%, 46%, 100%
CMY	0.5529, 0.5373, 0.0000
CMYK	0.55, 0.54, 0.00, 0.00
HSL	238°, 100%, 72%
HSV	238°, 55%, 100%
XYZ	31.4679, 23.7543, 97.5342
YIQ	132.4220, -46.3610, 41.7590

Conversions

Conversions Part 2

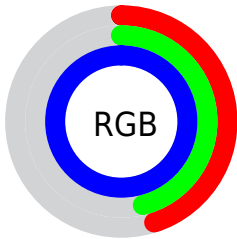
Format	Color
RYB	114, 118, 255
Decimal	7501567
CIELab	55.84, 36.24, -68.93
CIElCh	56, 77.876, 297.731
Yxy	23.7543, 0.2060, 0.1555
Android (android.graphics.Color)	4285691647 (0xFF7276FF)
YUV	132.4220, 60.4310, -16.1561
Hunter-Lab	48.7384, 29.9562, -84.5330

Details

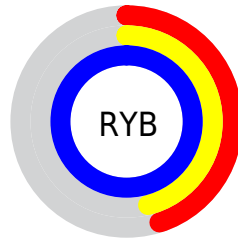
The XYZ color **31.4679, 23.7543, 97.5342** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **78.7768, 91.4733, 29.4259**, and the grayscale version is **21.8860, 23.0258, 25.0751**.

A 20% lighter version of the original color is **50.1039, 45.0834, 100.6689**, and **13.3069, 8.9470, 53.8489** is the 20% darker color. If you saturate the color by 10%, you get **26.0567, 17.1875, 96.5519**, and if you desaturate by 10%, it is **38.5716, 32.3313, 98.8154**.

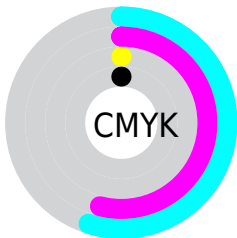
Distribution



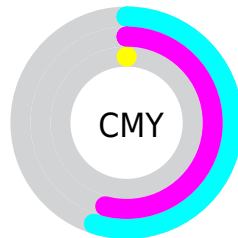
- Red (45%)
- Green (46%)
- Blue (100%)



- Red (45%)
- Yellow (46%)
- Blue (100%)



- Cyan (55%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4679, 23.7543, 97.5342 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 31.4679, 23.7543, 97.5342 by changing the saturation by 10% instead.

■ 31.4679, 23.7543,
97.5342

■ 31.4679, 23.7543,
97.5342

300.4767,
271.5759, 573.4368

■ 21.1090, 15.1515,
73.6375

■ 61.3468, 49.6290,
159.7867

■ 13.3166, 8.9258,
54.0024

■ 81.5975, 67.6696,
198.9795

■ 7.7254, 4.6928,
38.2104

■ 105.8762, 89.6249,
244.1081

■ 3.9701, 2.0682,
25.8429

134.5482,
115.8793, 295.5910

■ 1.6852, 0.6466,
16.4815

167.9789,
146.8172, 353.8468

■ 0.4470, 0.0000,
9.7074

206.5337,

■ 0.0000, 0.0000,

182.8230, 419.2940

5.1024

250.5778,
224.2811, 492.3512

■ 0.0000, 0.0000,
2.2477

■ 0.0000, 0.0000,
0.7017

■ 31.4679, 23.7543,
97.5342

■ 31.4679, 23.7543,
97.5342

■ 26.0567, 17.1875,
96.5519

■ 38.5716, 32.3313,
98.8154

■ 22.1945, 12.4653,
95.8440

■ 47.4894, 43.0618,
100.4165

■ 19.7196, 9.3995,
95.3827

■ 58.3352, 56.0787,
102.3574

■ 18.4327, 7.7603,
95.1341

■ 71.2127, 71.5033,
104.6560

■ 18.1284, 7.3768,
95.0761

■ 86.2182, 89.4486,
107.3289

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.



21.9101, 23.7543, 111.6477



31.4679, 23.7543, 97.5342



40.2610, 23.7543, 61.6312

Triad

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



31.4679, 23.7543, 97.5342



32.9479, 23.7543, 2.6577



9.4758, 23.7543, 23.9807

Complementary

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



31.4679, 23.7543, 97.5342



78.7768, 91.4733, 29.4259

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.



11.0202, 23.7543, 7.5832



31.4679, 23.7543, 97.5342



23.2589, 23.7543, 1.3290

Square

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



31.4679, 23.7543, 97.5342



41.2608, 23.7543, 9.1574



15.5427, 23.7543, 2.2561



10.6074, 23.7543, 55.8539

Rectangle

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



31.4679, 23.7543, 97.5342



43.6484, 23.7543, 37.6778



15.5427, 23.7543, 2.2561



9.6880, 23.7543, 16.8210

Sweetspot

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



31.4689, 23.7550, 97.5343



68.8641, 68.6922, 104.2371



60.0028, 82.0189, 103.3583



14.1656, 14.0155, 22.2086



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.



31.4689, 23.7550, 97.5343



25.7337, 16.7941, 96.4930



42.8449, 28.9360, 97.9348



17.0443, 17.4601, 22.7218



9.4903, 3.8902, 49.6853



0.9379, 0.4065, 4.8423

Inverse Universe

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



50.5282, 34.6043, 21.1560



46.5325, 28.7913, 13.1083



59.8344, 83.5799, 28.9007



18.0302, 17.9954, 18.7764



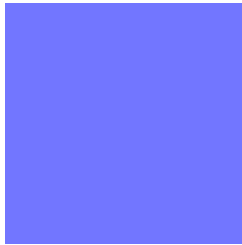
21.5785, 11.1207, 1.1648



2.1080, 1.0856, 0.1503

Previews

White Background



This preview shows how the XYZ color 31.4679, 23.7543, 97.5342 looks on a white background.

Color Contrast Check

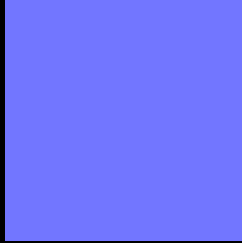
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4679, 23.7543, 97.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

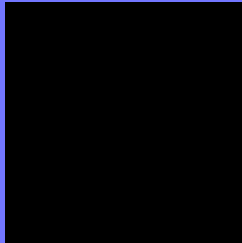
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4679, 23.7543, 97.5342

Background



This preview shows how black text looks on a background with the XYZ color 31.4679, 23.7543, 97.5342.



This preview shows how white text looks on a background with the XYZ color 31.4679, 23.7543,

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

31.4679, 23.7543, 97.5342

Protanopia

27.8247, 23.9126, 97.7568

Deuteranopia

24.3841, 23.8403, 84.9778



Tritanopia

18.7994, 23.5893, 34.5727

Trichromacy



Original Color

31.4679, 23.7543, 97.5342

Protanomaly

28.6919, 23.5927, 97.6494

Deuteranomaly

25.2461, 22.7645, 89.4496

Tritanomaly

22.1455, 22.9854, 52.5597

Monochromacy



Original Color

31.4679, 23.7543, 97.5342

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.9826, 22.7130, 44.7150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4679, 23.7543, 97.5342 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, 118, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 118, 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(114, 118, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 118, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.4679, 23.7543, 97.5342 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, 118, 255) }
```


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

```
.border{ border-color:rgb(114, 118, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 118, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 118, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 118, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 118,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4679, 23.7543, 97.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 118, 255) }
```

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

```
.background{ background-color: rgb(114,  
118, 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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