

Converting Colors

XYZ(30.3599, 23.7056, 97.5832)

Have a look what the booklet for
XYZ(30.3599, 23.7056, 97.5832)
contains.

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Color

**XYZ(30.3669, 23.7195,
97.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	6679FF
RGB	102, 121, 255
RGB Percent	40%, 47%, 100%
CMY	0.6000, 0.5255, 0.0000
CMYK	0.60, 0.53, 0.00, 0.00
HSL	233°, 100%, 70%
HSV	233°, 60%, 100%
XYZ	30.3669, 23.7195, 97.5856
YIQ	130.5950, -54.3380, 37.6460

Conversions

Conversions Part 2

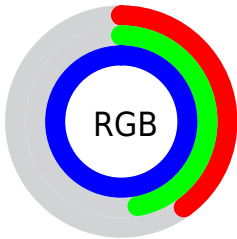
Format	Color
RYB	102, 119, 255
Decimal	6715903
CIELab	55.81, 32.31, -69.03
CIElCh	56, 76.212, 295.081
Yxy	23.7195, 0.2002, 0.1564
Android (android.graphics.Color)	4284905983 (0xFF6679FF)
YUV	130.5950, 61.3317, -25.0778
Hunter-Lab	48.7027, 26.0680, -84.7076

Details

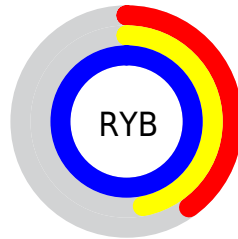
The XYZ color **30.3669, 23.7195, 97.5856** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **73.6365, 82.2150, 24.5606**, and the grayscale version is **21.2330, 22.3387, 24.3269**.

A 20% lighter version of the original color is **48.3034, 44.9997, 100.7477**, and **12.6743, 8.9065, 53.8744** is the 20% darker color. If you saturate the color by 10%, you get **25.5013, 17.6379, 96.6681**, and if you desaturate by 10%, it is **36.7512, 31.5168, 98.7541**.

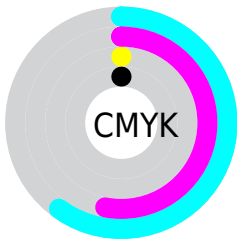
Distribution



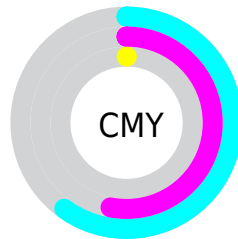
- Red (40%)
- Green (47%)
- Blue (100%)



- Red (40%)
- Yellow (47%)
- Blue (100%)



- Cyan (60%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3669, 23.7195, 97.5856 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 30.3669, 23.7195, 97.5856 by changing the saturation by 10% instead.

 30.3669, 23.7195,
97.5856


 30.3669, 23.7195,
97.5856


295.4902,
271.3993, 573.6042

 20.2667, 15.1257,
73.6801


 59.6246, 49.5721,
159.8581

 12.6984, 8.9076,
54.0371


 79.5128, 67.5996,
199.0622

 7.2968, 4.6810,
38.2379


 103.3943, 89.5405,
244.2028

 3.6964, 2.0613,
25.8641

131.6346,
115.7792, 295.6987

 1.5318, 0.6427,
16.4972

164.5990,
146.7000, 353.9682

 0.3473, 0.0000,
9.7185

202.6528,

 0.0000, 0.0000,

182.6874, 419.4299

5.1096

246.1614,
224.1257, 492.5024

■ 0.0000, 0.0000,
2.2518

■ 0.0000, 0.0000,
0.7040

■ 30.3669, 23.7195,
97.5856

■ 30.3669, 23.7195,
97.5856

■ 25.5013, 17.6379,
96.6681

■ 36.7512, 31.5168,
98.7541

■ 22.0230, 13.1387,
95.9830

■ 44.7647, 41.1456,
100.1903

■ 19.7826, 10.0713,
95.5090

■ 54.5111, 52.7134,
101.9094

■ 18.5576, 8.2350,
95.2192

■ 66.0844, 66.3191,
103.9256

■ 18.5573, 8.2345,
95.2191

■ 79.5720, 82.0546,
106.2520

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.



21.1467, 23.7195, 108.4499



30.3669, 23.7195, 97.5856



39.1430, 23.7195, 63.8782

Triad

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



30.3669, 23.7195, 97.5856



33.4843, 23.7195, 3.1369



9.6898, 23.7195, 21.9491

Complementary

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



30.3669, 23.7195, 97.5856



73.6365, 82.2150, 24.5606

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.



11.4606, 23.7195, 7.0153



30.3669, 23.7195, 97.5856



24.0029, 23.7195, 1.4932

Square

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



30.3669, 23.7195, 97.5856



41.2422, 23.7195, 10.4252



16.1962, 23.7195, 2.2371



10.5749, 23.7195, 51.7799

Rectangle

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



30.3669, 23.7195, 97.5856



42.7699, 23.7195, 40.1543



16.1962, 23.7195, 2.2371



9.9774, 23.7195, 15.3907

Sweetspot

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



30.3679, 23.7202, 97.5856



68.6218, 69.2879, 104.3649



56.1783, 80.3204, 90.8380



13.9018, 13.9104, 22.2022



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.



30.3679, 23.7202, 97.5856



24.6977, 16.6143, 96.5129



36.9235, 24.0042, 97.2949



17.1847, 17.7409, 22.7686



9.7528, 4.4153, 49.7728



1.0042, 0.5391, 4.8644

Inverse Universe

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



49.4434, 32.1449, 21.6880



45.5478, 26.6291, 13.3741



61.6862, 84.6083, 25.6524



18.1011, 18.0238, 19.1496



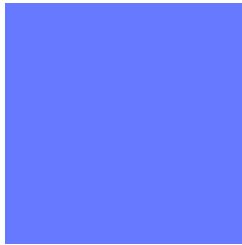
21.7110, 11.1737, 1.8626



2.1415, 1.0990, 0.3265

Previews

White Background



This preview shows how the XYZ color 30.3669, 23.7195, 97.5856 looks on a white background.

Color Contrast Check

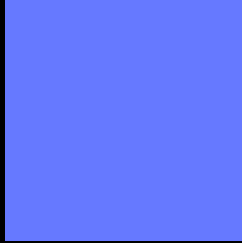
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3669, 23.7195, 97.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

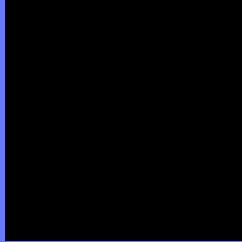
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3669, 23.7195, 97.5856

Background



This preview shows how black text looks on a background with the XYZ color 30.3669, 23.7195, 97.5856.



This preview shows how white text looks on a background with the XYZ color 30.3669, 23.7195,

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

30.3669, 23.7195, 97.5856

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.2368, 23.7814, 84.2018



Tritanopia

17.8985, 23.5550, 35.5015

Trichromacy



Original Color

30.3669, 23.7195, 97.5856

Protanomaly

28.4125, 23.6376, 97.6727

Deuteranomaly

25.2084, 23.1576, 88.7292

Tritanomaly

21.1775, 22.8750, 53.7512

Monochromacy



Original Color

30.3669, 23.7195, 97.5856

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.1716, 22.3064, 44.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3669, 23.7195, 97.5856 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(102, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 121, 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(102, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.3669, 23.7195, 97.5856 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(102, 121, 255) }
```


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

```
.border{ border-color:rgb(102, 121, 255) }
```

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

Here you see how a box with a 4 pixel rgb(102, 121, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3669, 23.7195, 97.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 121, 255) }
```

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

```
.background{ background-color: rgb(102,  
121, 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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