

Converting Colors

XYZ(21.3697, 21.3775, 44.0743)

Have a look what the booklet for
XYZ(21.3697, 21.3775, 44.0743)
contains.

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Color

**XYZ(21.3697, 21.3775,
44.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7FB0
RGB	106, 127, 176
RGB Percent	42%, 50%, 69%
CMY	0.5843, 0.5020, 0.3098
CMYK	0.40, 0.28, 0.00, 0.31
HSL	222°, 31%, 55%
HSV	222°, 40%, 69%
XYZ	21.3697, 21.3775, 44.0743
YIQ	126.3070, -28.2450, 10.7870

Conversions

Conversions Part 2

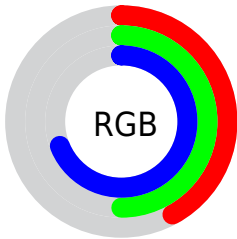
Format	Color
R _Y B	106, 122, 176
Decimal	6979504
CIE Lab	53.36, 5.07, -28.36
CIE LCh	53, 28.809, 280.133
Yxy	21.3775, 0.2461, 0.2462
Android (android.graphics.Color)	4285169584 (0xFF6A7FB0)
YUV	126.3070, 24.4986, -17.8092
Hunter-Lab	46.2358, 1.5881, -24.1531

Details

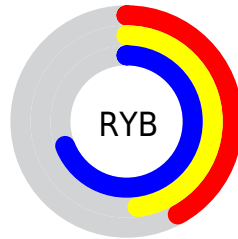
The XYZ color **21.3697, 21.3775, 44.0743** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.2280, 33.7141, 18.4454**, and the grayscale version is **19.8623, 20.8967, 22.7565**.

A 20% lighter version of the original color is **45.3840, 45.9423, 82.8197**, and **7.8209, 7.6631, 19.8058** is the 20% darker color. If you saturate the color by 10%, you get **17.9939, 17.4182, 43.4884**, and if you desaturate by 10%, it is **25.3708, 25.9489, 44.7462**.

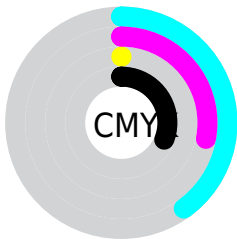
Distribution



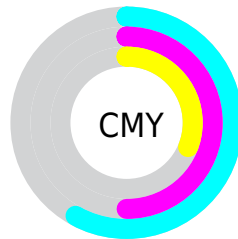
- Red (42%)
- Green (50%)
- Blue (69%)



- Red (42%)
- Yellow (48%)
- Blue (69%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)



- Cyan (58%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3697, 21.3775, 44.0743 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 21.3697, 21.3775, 44.0743 by changing the saturation by 10% instead.

■ 21.3697, 21.3775,
44.0743

■ 21.3697, 21.3775,
44.0743

251.9315,
259.2779, 379.0616

■ 13.5085, 13.4002,
30.3913

■ 45.1887, 45.7150,
82.6332

■ 7.8590, 7.7047,
19.8812

■ 61.8771, 62.8439,
108.3462

■ 4.0559, 3.9066,
12.1255

■ 82.2388, 83.7922,
138.9062

■ 1.7338, 1.6214,
6.7056

■ 106.6389,
108.9443, 174.7319

■ 0.4773, 0.3720,
3.2031

135.4429,
138.6845, 216.2418

■ 0.0000, 0.0000,
1.1992

169.0161,

■ 0.0000, 0.0000,

173.3973, 263.8543

0.0000

207.7238,
213.4669, 317.9881

■ 21.3697, 21.3775,
44.0743

■ 21.3697, 21.3775,
44.0743

■ 17.9939, 17.4182,
43.4884

■ 25.3708, 25.9489,
44.7462

■ 15.2077, 14.0408,
42.9833

■ 30.0259, 31.1557,
45.5058

■ 12.9751, 11.2164,
42.5558

■ 35.3644, 37.0229,
46.3570

■ 11.2550, 8.9119,
42.2017

■ 41.4132, 43.5734,
47.3025

■ 9.9995, 7.0901,
41.9162

■ 48.1978, 50.8289,
48.3454

■ 9.1184, 5.6909,
41.6926

■ 55.7424, 58.8101,
49.4883

■ 9.1006, 5.6626,
41.6881

■ 64.0700, 67.5369,
50.7338

■ 73.2028, 77.0284,
52.0845

■ 79.6170, 85.4756,
53.3769

Harmonies

Analogous

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



18.3871, 21.3775, 42.9531



21.3697, 21.3775, 44.0743



24.3448, 21.3775, 38.6526

Triad

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



21.3697, 21.3775, 44.0743



25.1486, 21.3775, 14.0299



15.2799, 21.3775, 18.0148

Complementary

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



21.3697, 21.3775, 44.0743



32.2280, 33.7141, 18.4454

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.



16.7629, 21.3775, 12.6383



21.3697, 21.3775, 44.0743



22.3810, 21.3775, 10.7691

Square

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



21.3697, 21.3775, 44.0743



26.6668, 21.3775, 20.4405



19.3027, 21.3775, 10.3331



15.0675, 21.3775, 26.3633

Rectangle

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



21.3697, 21.3775, 44.0743



25.8500, 21.3775, 32.6992



19.3027, 21.3775, 10.3331



15.6387, 21.3775, 15.8639

Sweetspot

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



21.3704, 21.3783, 44.0748



61.6605, 64.4390, 83.6834



27.3862, 36.4820, 36.6093



13.0920, 13.6682, 18.0925



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



21.3704, 21.3783, 44.0748



33.1586, 32.2137, 78.9655



20.7370, 17.4366, 43.3474



8.2429, 8.6320, 10.7380



6.7229, 4.2461, 30.6022



0.2639, 0.2384, 0.9803

Inverse Universe

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



26.8899, 21.0713, 22.7294



44.8096, 32.2948, 33.7444



33.0277, 39.7732, 19.5727



8.5978, 8.5458, 9.3805



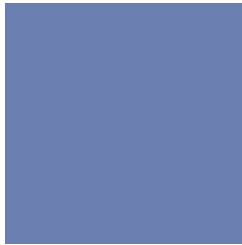
13.6280, 6.9688, 3.2013



0.4553, 0.2298, 0.2400

Previews

White Background



This preview shows how the XYZ color 21.3697, 21.3775, 44.0743 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 21.3697, 21.3775, 44.0743 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

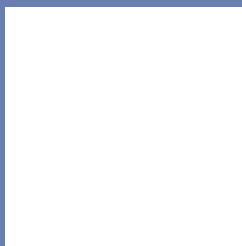
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3697, 21.3775, 44.0743

Background



This preview shows how black text looks on a background with the XYZ color 21.3697, 21.3775, 44.0743.



This preview shows how white text looks on a background with the XYZ color 21.3697, 21.3775,

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

21.3697, 21.3775, 44.0743

Protanopia

21.8815, 21.2731, 43.5103

Deuteranopia

21.8529, 21.4358, 44.0600



Tritanopia

18.4586, 21.3853, 29.5405

Trichromacy



Original Color

21.3697, 21.3775, 44.0743

Protanomaly

21.6291, 21.3319, 43.5349

Deuteranomaly

21.6040, 21.3075, 44.0484

Tritanomaly

19.4839, 21.3996, 34.5561

Monochromacy



Original Color

21.3697, 21.3775, 44.0743

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1026, 20.8573, 29.3519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3697, 21.3775, 44.0743 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(106, 127, 176)` looks like.

```
.text, #text, p{  
    color:rgb(106, 127, 176)  
}
```

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(106, 127, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 127, 176) }
```

Border

The CSS property to change the border of an element to XYZ 21.3697, 21.3775, 44.0743 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(106, 127, 176) }
```


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

```
.border{ border-color:rgb(106, 127, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 127, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 127, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 127, 176);  
box-shadow:4px 4px 4px 4px rgb(106, 127,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3697, 21.3775, 44.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 127, 176) }
```

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

```
.background{ background-color: rgb(106,  
127, 176) }
```

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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