

Converting Colors

XYZ(22.7280, 21.9867, 43.2526)

Have a look what the booklet for
XYZ(22.7280, 21.9867, 43.2526)
contains.

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Color

**XYZ(22.7086, 21.8996,
43.0746)**

Conversions

Conversions Part 1

Format	Color
Hex	777EAE
RGB	119, 126, 174
RGB Percent	47%, 49%, 68%
CMY	0.5333, 0.5059, 0.3176
CMYK	0.32, 0.28, 0.00, 0.32
HSL	232°, 25%, 57%
HSV	232°, 32%, 68%
XYZ	22.7086, 21.8996, 43.0746
YIQ	129.3790, -19.5800, 13.4440

Conversions

Conversions Part 2

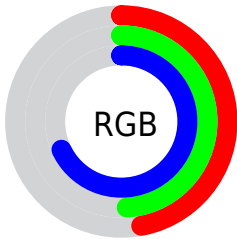
Format	Color
R_{YB}	119, 125, 174
Decimal	7831214
CIE Lab	53.92, 8.88, -26.27
CIE LCh	54, 27.726, 288.670
Yxy	21.8996, 0.2590, 0.2498
Android (android.graphics.Color)	4286021294 (0xFF777EAE)
YUV	129.3790, 21.9982, -9.1024
Hunter-Lab	46.7970, 4.7237, -21.8159

Details

The XYZ color **22.7086, 21.8996, 43.0746** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **34.6046, 37.9687, 22.9585**, and the grayscale version is **20.9298, 22.0198, 23.9796**.

A 20% lighter version of the original color is **47.4163, 46.7240, 81.3824**, and **8.4890, 7.9172, 19.1699** is the 20% darker color. If you saturate the color by 10%, you get **18.7391, 17.1866, 42.3745**, and if you desaturate by 10%, it is **27.4116, 27.4293, 43.8944**.

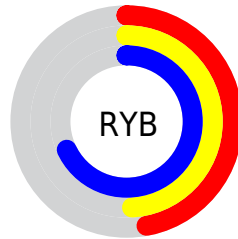
Distribution



Red (47%)

Green (49%)

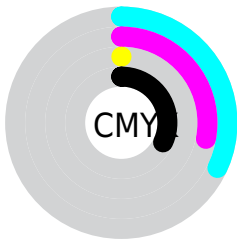
Blue (68%)



Red (47%)

Yellow (49%)

Blue (68%)

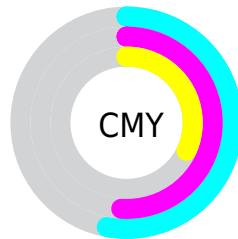


Cyan (32%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7086, 21.8996, 43.0746 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 22.7086, 21.8996, 43.0746 by changing the saturation by 10% instead.

■ 22.7086, 21.8996,
43.0746

■ 22.7086, 21.8996,
43.0746

258.7881,
262.0215, 374.8487

■ 14.4980, 13.7831,
29.6118

■ 47.3846, 46.5800,
81.1110

■ 8.5518, 7.9700,
19.2946

■ 64.5807, 63.9127,
106.5217

■ 4.5048, 4.0758,
11.7044

■ 85.5027, 85.0864,
136.7521

■ 1.9915, 1.7160,
6.4226

110.5159,
110.4853, 172.2207

■ 0.6292, 0.4340,
3.0308

139.9857,
140.4938, 213.3462

■ 0.0000, 0.0000,
1.1104

174.2774,

■ 0.0000, 0.0000,

175.4965, 260.5470

0.0000

213.7564,
215.8776, 314.2416

■ 22.7086, 21.8996,
43.0746

■ 22.7086, 21.8996,
43.0746

■ 18.7391, 17.1866,
42.3745

■ 27.4116, 27.4293,
43.8944

■ 15.4637, 13.2488,
41.7871

■ 32.8802, 33.8092,
44.8377

■ 12.8427, 10.0451,
41.3068

■ 39.1477, 41.0743,
45.9096

■ 10.8314, 7.5295,
40.9273

■ 46.2442, 49.2566,
47.1149

■ 9.3796, 5.6507,
40.6411

■ 54.1987, 58.3867,
48.4580

■ 8.4284, 4.3498,
40.4402

■ 63.0386, 68.4936,
49.9429

■ 7.9297, 3.6354,
40.3286

■ 72.7902, 79.6053,
51.5737

■ 82.2900, 91.1359,
53.2987

■ 84.6401, 95.8360,
54.0820

Harmonies

Analogous

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



19.7066, 21.8996, 43.8883



22.7086, 21.8996, 43.0746



25.4336, 21.8996, 36.4439

Triad

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



22.7086, 21.8996, 43.0746



24.8439, 21.8996, 13.5013



15.6749, 21.8996, 20.7565

Complementary

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



22.7086, 21.8996, 43.0746



34.6046, 37.9687, 22.9585

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.



16.7922, 21.8996, 14.5465



22.7086, 21.8996, 43.0746



21.9640, 21.8996, 11.0775

Square

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



22.7086, 21.8996, 43.0746



26.7455, 21.8996, 18.9564



19.0295, 21.8996, 11.4077



15.8330, 21.8996, 29.5090

Rectangle

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



22.7086, 21.8996, 43.0746



26.6378, 21.8996, 30.3440



19.0295, 21.8996, 11.4077



15.9091, 21.8996, 18.3472

Sweetspot

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



22.7093, 21.9005, 43.0751



62.2886, 64.4021, 81.7848



29.6887, 36.9723, 41.9700



13.4977, 13.9114, 18.1181



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.



22.7093, 21.9005, 43.0751



35.9704, 33.5348, 77.2139



24.9129, 21.7538, 42.9307



7.6580, 7.9154, 10.0769



5.7767, 2.6873, 29.2587



0.1859, 0.1251, 0.8223

Inverse Universe

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



27.8189, 23.6995, 22.8477



46.7865, 37.5435, 34.3513



31.7612, 38.4582, 23.2028



8.0452, 8.0313, 8.5488



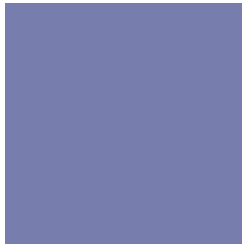
12.7795, 6.5743, 1.2181



0.3682, 0.1880, 0.1007

Previews

White Background



This preview shows how the XYZ color 22.7086, 21.8996, 43.0746 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 22.7086, 21.8996, 43.0746 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 22.7086, 21.8996, 43.0746

Background



This preview shows how black text looks on a background with the XYZ color 22.7086, 21.8996, 43.0746.



This preview shows how white text looks on a background with the XYZ color 22.7086, 21.8996,

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

22.7086, 21.8996, 43.0746

Protanopia

22.3975, 21.9187, 43.6077

Deuteranopia

22.4318, 21.9477, 43.0985



Tritanopia

19.8158, 21.9003, 28.7740

Trichromacy



Original Color

22.7086, 21.8996, 43.0746

Protanomaly

22.5297, 21.9869, 43.6139

Deuteranomaly

22.5655, 22.0166, 43.1047

Tritanomaly

20.8856, 21.9432, 33.7065

Monochromacy



Original Color

22.7086, 21.8996, 43.0746

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2875, 21.8427, 29.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7086, 21.8996, 43.0746 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(119, 126, 174)` looks like.

```
.text, #text, p{  
    color:rgb(119, 126, 174)  
}
```

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(119, 126, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 126, 174) }
```

Border

The CSS property to change the border of an element to XYZ 22.7086, 21.8996, 43.0746 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(119, 126, 174) }
```


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

```
.border{ border-color:rgb(119, 126, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 126, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(119, 126,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7086, 21.8996, 43.0746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 126, 174) }
```

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

```
.background{ background-color: rgb(119,  
126, 174) }
```

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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