

Converting Colors

XYZ(22.6398, 21.6874, 34.0032)

Have a look what the booklet for
XYZ(22.6398, 21.6874, 34.0032)
contains.

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Color

**XYZ(22.6398, 21.6874,
34.0032)**

Conversions

Conversions Part 1

Format	Color
Hex	847C9B
RGB	132, 124, 155
RGB Percent	52%, 49%, 61%
CMY	0.4823, 0.5137, 0.3922
CMYK	0.15, 0.20, 0.00, 0.39
HSL	255°, 13%, 55%
HSV	255°, 20%, 61%
XYZ	22.6398, 21.6874, 34.0032
YIQ	129.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

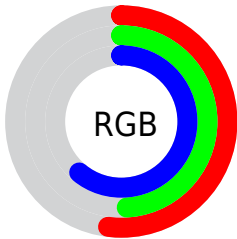
Format	Color
RYB	132, 124, 155
Decimal	8682651
CIELab	53.69, 9.54, -15.53
CIELCh	54, 18.225, 301.560
Yxy	21.6874, 0.2890, 0.2769
Android (android.graphics.Color)	4286872731 (0xFF847C9B)
YUV	129.9260, 12.3615, 1.8189
Hunter-Lab	46.5697, 5.2805, -10.6922

Details

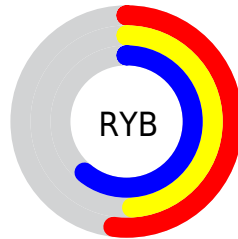
The XYZ color **22.6398, 21.6874, 34.0032** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.3927, 31.1015, 23.6292**, and the grayscale version is **21.1515, 22.2531, 24.2336**.

A 20% lighter version of the original color is **47.2383, 46.3620, 66.7806**, and **8.4944, 7.8255, 14.1595** is the 20% darker color. If you saturate the color by 10%, you get **19.1477, 17.2271, 33.3267**, and if you desaturate by 10%, it is **26.6369, 26.8624, 34.7917**.

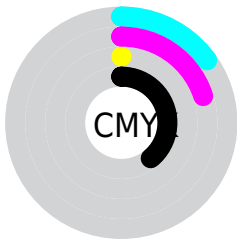
Distribution



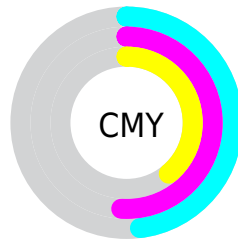
- Red (52%)
- Green (49%)
- Blue (61%)



- Red (52%)
- Yellow (49%)
- Blue (61%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6398, 21.6874, 34.0032 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 22.6398, 21.6874, 34.0032 by changing the saturation by 10% instead.

■ 22.6398, 21.6874,
34.0032

■ 22.6398, 21.6874,
34.0032

258.4395,
260.9094, 334.9159

■ 14.4470, 13.6274,
22.6187

■ 47.2722, 46.2288,
67.0726

■ 8.5160, 7.8620,
14.1095

■ 64.4425, 63.4790,
89.5946

■ 4.4814, 4.0068,
8.0573

■ 85.3361, 84.5613,
116.6661

■ 1.9779, 1.6773,
4.0433

110.3182,
109.8602, 148.7057

■ 0.6215, 0.4089,
1.6491

139.7543,
139.7601, 186.1319

■ 0.0000, 0.0000,
0.3255

174.0096,

■ 0.0000, 0.0000,

174.6453, 229.3634

0.0000

213.4496,
214.9003, 278.8185

■ 22.6398, 21.6874,
34.0032

■ 22.6398, 21.6874,
34.0032

■ 19.1477, 17.2271,
33.3267

■ 26.6369, 26.8624,
34.7917

■ 16.1379, 13.4470,
32.7557

■ 31.1564, 32.7791,
35.6956

■ 13.5889, 10.3139,
32.2853

■ 36.2172, 39.4665,
36.7197

■ 11.4770, 7.7906,
31.9095

■ 41.8369, 46.9511,
37.8681

■ 9.7759, 5.8358,
31.6219

■ 48.0321, 55.2583,
39.1451

■ 8.4564, 4.4034,
31.4150

■ 54.8187, 64.4121,
40.5542

■ 7.4850, 3.4394,
31.2801

■ 62.2120, 74.4358,
42.0993

■ 6.7915, 2.8177,
31.1966

■ 70.2269, 85.3517,
43.7839

■ 6.7914, 2.8176,
31.1966

■ 76.1045, 91.6349,
44.6869

Harmonies

Analogous

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



20.7155, 21.6874, 36.0649



22.6398, 21.6874, 34.0032



24.0912, 21.6874, 29.1092

Triad

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



22.6398, 21.6874, 34.0032



22.4520, 21.6874, 15.3702



17.0858, 21.6874, 23.9076

Complementary

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



22.6398, 21.6874, 34.0032



27.3927, 31.1015, 23.6292

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.



17.4872, 21.6874, 18.8577



22.6398, 21.6874, 34.0032



20.5113, 21.6874, 14.4196

Square

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



22.6398, 21.6874, 34.0032



23.9780, 21.6874, 18.4250



18.7113, 21.6874, 15.5909



17.5789, 21.6874, 29.6956

Rectangle

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



22.6398, 21.6874, 34.0032



24.5514, 21.6874, 25.2262



18.7113, 21.6874, 15.5909



17.1205, 21.6874, 22.0718

Sweetspot

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



22.6405, 21.6883, 34.0037



50.7319, 52.0593, 62.9109



24.7019, 27.5976, 35.0356



11.3760, 11.6436, 14.2182



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.6405, 21.6883, 34.0037



37.6411, 35.1156, 60.3304



25.2022, 23.0089, 34.1236



6.0265, 6.0995, 7.7887



5.4863, 2.2793, 25.0585



0.1122, 0.0496, 0.3760

Inverse Universe

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



25.9924, 23.4913, 30.7689



44.7990, 38.9688, 53.2899



24.8368, 29.7839, 23.5096



6.3931, 6.2964, 7.4502



13.3591, 6.5979, 13.6819



0.2141, 0.1044, 0.2805

Previews

White Background



This preview shows how the XYZ color 22.6398, 21.6874, 34.0032 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 22.6398, 21.6874, 34.0032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

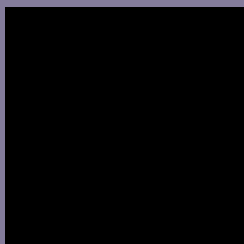
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6398, 21.6874, 34.0032

Background



This preview shows how black text looks on a background with the XYZ color 22.6398, 21.6874, 34.0032.



This preview shows how white text looks on a background with the XYZ color 22.6398, 21.6874,

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

22.6398, 21.6874, 34.0032

Protanopia

21.5603, 21.6780, 34.9462

Deuteranopia

22.1521, 21.6230, 34.0165



Tritanopia

21.1580, 21.6520, 26.7310

Trichromacy



Original Color

22.6398, 21.6874, 34.0032

Protanomaly

21.9191, 21.6820, 34.4823

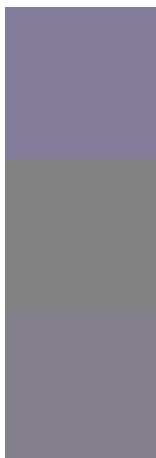
Deuteranomaly

22.3033, 21.7009, 34.0235

Tritanomaly

21.7008, 21.6812, 29.4267

Monochromacy



Original Color

22.6398, 21.6874, 34.0032

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7394, 22.1277, 27.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6398, 21.6874, 34.0032 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(132, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(132, 124, 155)  
}
```

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(132, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 124, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.6398, 21.6874, 34.0032 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(132, 124, 155) }
```


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

```
.border{ border-color:rgb(132, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 124, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 124, 155);  
box-shadow:4px 4px 4px 4px rgb(132, 124,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6398, 21.6874, 34.0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 124, 155) }
```

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

```
.background{ background-color: rgb(132,  
124, 155) }
```

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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