

Converting Colors

XYZ(21.9273, 22.6142, 34.6816)

Have a look what the booklet for
XYZ(21.9273, 22.6142, 34.6816)
contains.

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Color

**XYZ(22.0022, 22.6978,
34.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	79839C
RGB	121, 131, 156
RGB Percent	47%, 51%, 61%
CMY	0.5255, 0.4863, 0.3882
CMYK	0.22, 0.16, 0.00, 0.39
HSL	223°, 15%, 54%
HSV	223°, 22%, 61%
XYZ	22.0022, 22.6978, 34.6740
YIQ	130.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

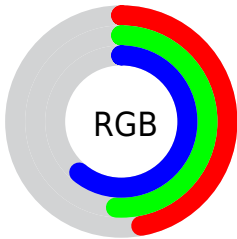
Format	Color
R_{YB}	121, 129, 156
Decimal	7963548
CIE _{Lab}	54.76, 2.01, -14.58
CIE _{LCh}	55, 14.715, 277.838
Yxy	22.6978, 0.2772, 0.2860
Android (android.graphics.Color)	4286153628 (0xFF79839C)
YUV	130.8600, 12.3940, -8.6472
Hunter-Lab	47.6422, -0.9387, -9.8017

Details

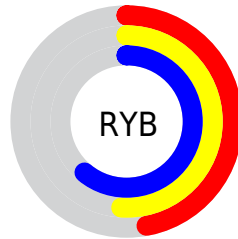
The XYZ color **22.0022, 22.6978, 34.6740** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4407, 29.0064, 22.2423**, and the grayscale version is **21.4848, 22.6036, 24.6154**.

A 20% lighter version of the original color is **46.3539, 47.9828, 68.4465**, and **8.2396, 8.4322, 14.5579** is the 20% darker color. If you saturate the color by 10%, you get **18.5735, 18.8273, 34.1080**, and if you desaturate by 10%, it is **25.9468, 27.0743, 35.3112**.

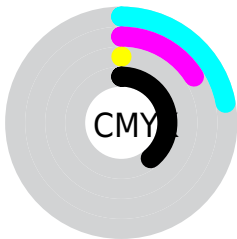
Distribution



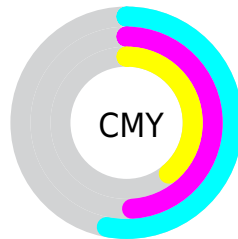
- Red (47%)
- Green (51%)
- Blue (61%)



- Red (47%)
- Yellow (51%)
- Blue (61%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0022, 22.6978, 34.6740 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 22.0022, 22.6978, 34.6740 by changing the saturation by 10% instead.

■ 22.0022, 22.6978,
34.6740

■ 22.0022, 22.6978,
34.6740

255.1899,
266.1690, 337.9875

■ 13.9751, 14.3705,
23.1303

■ 46.2285, 47.8966,
68.1263

■ 8.1850, 8.3788,
14.4836

■ 63.1584, 65.5370,
90.8719

■ 4.2663, 4.3383,
8.3152

■ 83.7866, 87.0505,
118.1887

■ 1.8539, 1.8645,
4.2066

108.4785,
112.8215, 150.4950

■ 0.5498, 0.5269,
1.7394

137.5994,
143.2345, 188.2096

■ 0.0000, 0.0000,
0.3875

171.5147,

■ 0.0000, 0.0000,

178.6738, 231.7508

0.0000

210.5898,
219.5239, 281.5372

■ 22.0022, 22.6978,
34.6740

■ 22.0022, 22.6978,
34.6740

■ 18.5735, 18.8273,
34.1080

■ 25.9468, 27.0743,
35.3112

■ 15.6366, 15.4412,
33.6092

■ 30.4259, 31.9720,
36.0205

■ 13.1685, 12.5203,
33.1755

■ 35.4597, 37.4086,
36.8046

■ 11.1434, 10.0429,
32.8041

■ 41.0667, 43.4003,
37.6655

■ 9.5330, 7.9856,
32.4918

■ 47.2646, 49.9626,
38.6055

■ 8.3052, 6.3223,
32.2355

■ 54.0701, 57.1103,
39.6265

■ 7.4230, 5.0238,
32.0313

■ 61.4995, 64.8578,
40.7303

■ 6.9231, 4.2449,
31.9074

■ 69.5683, 73.2187,
41.9189

■ 75.8966, 80.9718,
43.0818

Harmonies

Analogous

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



20.4170, 22.6978, 33.9557



22.0022, 22.6978, 34.6740



23.5463, 22.6978, 32.4707

Triad

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



22.0022, 22.6978, 34.6740



24.1348, 22.6978, 19.6242



18.8090, 22.6978, 21.4917

Complementary

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



22.0022, 22.6978, 34.6740



27.4407, 29.0064, 22.2423

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.



19.7143, 22.6978, 18.3029



22.0022, 22.6978, 34.6740



22.7731, 22.6978, 17.3227

Square

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



22.0022, 22.6978, 34.6740



24.8172, 22.6978, 23.5145



21.1506, 22.6978, 16.8713



18.6257, 22.6978, 25.9537

Rectangle

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



22.0022, 22.6978, 34.6740



24.3264, 22.6978, 29.7866



21.1506, 22.6978, 16.8713



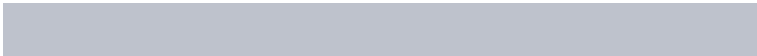
19.0367, 22.6978, 20.2528

Sweetspot

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



22.0029, 22.6987, 34.6745



51.3118, 53.7655, 64.8001



24.9236, 29.9022, 31.4492



11.1965, 11.7276, 14.2439



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.



22.0029, 22.6987, 34.6745



36.6726, 37.5290, 62.4377



21.7408, 20.6649, 34.2958



6.4314, 6.7286, 8.3665



5.7290, 3.5495, 26.2904



0.1358, 0.1303, 0.4812

Inverse Universe

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



24.6450, 22.3820, 24.4949



42.3971, 37.0112, 40.3440



27.7346, 31.5474, 22.7173



6.7071, 6.6758, 7.3088



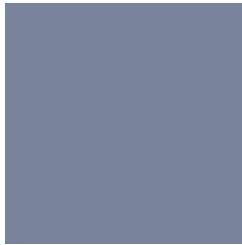
11.6899, 5.9805, 2.6182



0.2259, 0.1137, 0.1356

Previews

White Background



This preview shows how the XYZ color 22.0022, 22.6978, 34.6740 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 22.0022, 22.6978, 34.6740 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

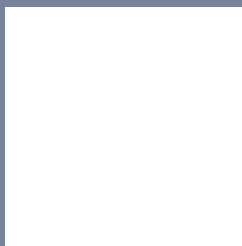
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0022, 22.6978, 34.6740

Background



This preview shows how black text looks on a background with the XYZ color 22.0022, 22.6978, 34.6740.



This preview shows how white text looks on a background with the XYZ color 22.0022, 22.6978,

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

22.0022, 22.6978, 34.6740

Protanopia

22.5032, 22.7674, 34.2189

Deuteranopia

23.1650, 22.6980, 35.0585



Tritanopia

21.0293, 22.7106, 29.6608

Trichromacy



Original Color

22.0022, 22.6978, 34.6740

Protanomaly

22.2112, 22.6169, 34.2052

Deuteranomaly

22.6885, 22.6469, 35.0738

Tritanomaly

21.3423, 22.6337, 31.2609

Monochromacy



Original Color

22.0022, 22.6978, 34.6740

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6023, 22.6381, 28.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0022, 22.6978, 34.6740 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(121, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 131, 156)  
}
```

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(121, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 131, 156) }
```

Border

The CSS property to change the border of an element to XYZ 22.0022, 22.6978, 34.6740 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(121, 131, 156) }
```


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

```
.border{ border-color:rgb(121, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(121, 131,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0022, 22.6978, 34.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 131, 156) }
```

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

```
.background{ background-color: rgb(121,  
131, 156) }
```

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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