

Converting Colors

XYZ(21.1983, 22.6861, 34.7141)

Have a look what the booklet for
XYZ(21.1983, 22.6861, 34.7141)
contains.

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Color

**XYZ(21.1983, 22.6861,
34.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	71859C
RGB	113, 133, 156
RGB Percent	44%, 52%, 61%
CMY	0.5569, 0.4784, 0.3882
CMYK	0.28, 0.15, 0.00, 0.39
HSL	212°, 18%, 53%
HSV	212°, 28%, 61%
XYZ	21.1983, 22.6861, 34.7141
YIQ	129.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

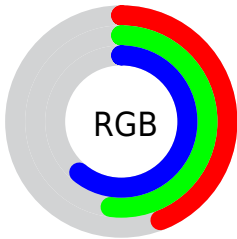
Format	Color
R_{YB}	113, 127, 156
Decimal	7439772
CIE _{Lab}	54.75, -1.73, -14.65
CIE _{LCh}	55, 14.753, 263.279
Yxy	22.6861, 0.2697, 0.2886
Android (android.graphics.Color)	4285629852 (0xFF71859C)
YUV	129.6420, 12.9945, -14.5950
Hunter-Lab	47.6299, -3.9087, -9.8714

Details

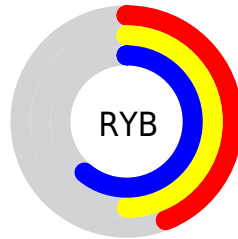
The XYZ color **21.1983, 22.6861, 34.7141** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4953, 25.8685, 19.2726**, and the grayscale version is **21.0528, 22.1492, 24.1205**.

A 20% lighter version of the original color is **45.0427, 47.9280, 68.5050**, and **7.8345, 8.4506, 14.5828** is the 20% darker color. If you saturate the color by 10%, you get **18.2640, 19.5450, 34.2628**, and if you desaturate by 10%, it is **24.5697, 26.1884, 35.2128**.

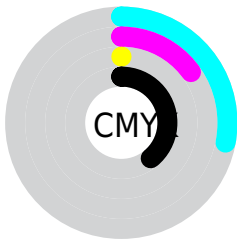
Distribution



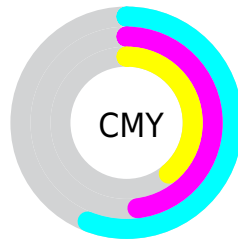
- Red (44%)
- Green (52%)
- Blue (61%)



- Red (44%)
- Yellow (50%)
- Blue (61%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1983, 22.6861, 34.7141 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 21.1983, 22.6861, 34.7141 by changing the saturation by 10% instead.

■ 21.1983, 22.6861,
34.7141

■ 21.1983, 22.6861,
34.7141

251.0423,
266.1086, 338.1704

■ 13.3823, 14.3619,
23.1609

■ 44.9061, 47.8774,
68.1892

■ 7.7711, 8.3728,
14.5060

■ 61.5287, 65.5133,
90.9481

■ 3.9994, 4.3344,
8.3307

■ 81.8174, 87.0218,
118.2795

■ 1.7018, 1.8623,
4.2165

■ 106.1378,
112.7875, 150.6017

■ 0.4574, 0.5256,
1.7448

134.8551,
143.1946, 188.3334

■ 0.0000, 0.0000,
0.3912

168.3347,

■ 0.0000, 0.0000,

178.6275, 231.8930

0.0000

206.9420,
219.4707, 281.6992

■ 21.1983, 22.6861,
34.7141

■ 21.1983, 22.6861,
34.7141

■ 18.2640, 19.5450,
34.2628

■ 24.5697, 26.1884,
35.2128

■ 15.7451, 16.7490,
33.8559

■ 28.3947, 30.0617,
35.7588

■ 13.6208, 14.2848,
33.4923

■ 32.6911, 34.3187,
36.3541

■ 11.8677, 12.1371,
33.1701

■ 37.4753, 38.9707,
36.9998

■ 10.4595, 10.2887,
32.8875

■ 42.7629, 44.0284,
37.6974

■ 9.3660, 8.7204,
32.6425

■ 48.5687, 49.5021,
38.4479

■ 8.5373, 7.4026,
32.4318

■ 54.9069, 55.4018,
39.2526

■ 8.3549, 7.1084,
32.3846

■ 61.7912, 61.7370,
40.1126

■ 69.2346, 68.5169,
41.0289

Harmonies

Analogous

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



19.7449, 22.6861, 32.6042



21.1983, 22.6861, 34.7141



22.8231, 22.6861, 33.8826

Triad

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



21.1983, 22.6861, 34.7141



24.5668, 22.6861, 21.3258



19.1500, 22.6861, 19.7207

Complementary

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



21.1983, 22.6861, 34.7141



25.4953, 25.8685, 19.2726

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.



20.3492, 22.6861, 17.3493



21.1983, 22.6861, 34.7141



23.4882, 22.6861, 18.1913

Square

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



21.1983, 22.6861, 34.7141



24.8221, 22.6861, 25.7651



21.9308, 22.6861, 16.8267



18.6015, 22.6861, 23.6672

Rectangle

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



21.1983, 22.6861, 34.7141



23.7798, 22.6861, 31.8175



21.9308, 22.6861, 16.8267



19.4874, 22.6861, 18.7341

Sweetspot

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



21.1990, 22.6870, 34.7146



51.1353, 54.1623, 64.8860



23.1381, 29.0638, 27.6585



11.0247, 11.6898, 14.2457



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.



21.1990, 22.6870, 34.7146



35.1648, 37.6542, 62.5413



18.9023, 17.8176, 33.8958



6.5263, 6.9184, 8.3981



6.9159, 5.9233, 26.6860



0.1656, 0.1898, 0.4911

Inverse Universe

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



23.8496, 20.5721, 24.9052



40.8694, 33.4648, 41.3483



28.3041, 31.8954, 20.2879



6.7550, 6.6949, 7.5609



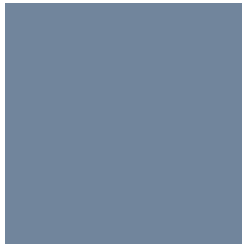
12.2890, 6.2202, 5.7730



0.2409, 0.1197, 0.2148

Previews

White Background



This preview shows how the XYZ color 21.1983, 22.6861, 34.7141 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 21.1983, 22.6861, 34.7141 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

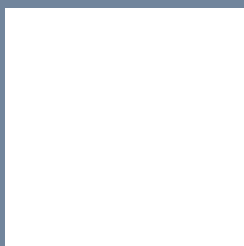
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1983, 22.6861, 34.7141

Background



This preview shows how black text looks on a background with the XYZ color 21.1983, 22.6861, 34.7141.



This preview shows how white text looks on a background with the XYZ color 21.1983, 22.6861,

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

21.1983, 22.6861, 34.7141

Protanopia

22.4196, 22.7340, 33.7783

Deuteranopia

23.0109, 22.6185, 35.0513



Tritanopia

20.4078, 22.7828, 30.5160

Trichromacy



Original Color

21.1983, 22.6861, 34.7141

Protanomaly

21.9179, 22.6641, 34.2298

Deuteranomaly

22.3806, 22.6847, 35.0973

Tritanomaly

20.7122, 22.6969, 32.1435

Monochromacy



Original Color

21.1983, 22.6861, 34.7141

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0887, 22.3818, 27.6347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1983, 22.6861, 34.7141 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(113, 133, 156)` looks like.

```
.text, #text, p{  
    color:rgb(113, 133, 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(113, 133, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 133, 156) }
```

Border

The CSS property to change the border of an element to XYZ 21.1983, 22.6861, 34.7141 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(113, 133, 156) }
```


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

```
.border{ border-color:rgb(113, 133, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 133, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 133, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 133, 156);  
box-shadow:4px 4px 4px 4px rgb(113, 133,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1983, 22.6861, 34.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 133, 156) }
```

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

```
.background{ background-color: rgb(113,  
133, 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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