

Converting Colors

XYZ(21.2613, 23.1255, 29.8896)

Have a look what the booklet for
XYZ(21.2613, 23.1255, 29.8896)
contains.

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Color

**XYZ(21.1669, 22.9857,
29.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	778690
RGB	119, 134, 144
RGB Percent	47%, 53%, 56%
CMY	0.5333, 0.4745, 0.4353
CMYK	0.17, 0.07, 0.00, 0.44
HSL	204°, 10%, 52%
HSV	204°, 17%, 56%
XYZ	21.1669, 22.9857, 29.7066
YIQ	130.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

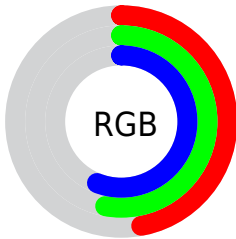
Format	Color
R_{YB}	119, 128, 144
Decimal	7833232
CIE _{Lab}	55.06, -3.21, -7.20
CIE _{LCh}	55, 7.887, 245.962
Yxy	22.9857, 0.2866, 0.3112
Android (android.graphics.Color)	4286023312 (0xFF778690)
YUV	130.6550, 6.5791, -10.2214
Hunter-Lab	47.9434, -5.0936, -3.1768

Details

The XYZ color **21.1669, 22.9857, 29.7066** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6819, 22.9619, 20.6900**, and the grayscale version is **21.4314, 22.5475, 24.5542**.

A 20% lighter version of the original color is **44.7580, 48.2758, 60.3852**, and **7.7165, 8.4509, 11.8142** is the 20% darker color. If you saturate the color by 10%, you get **18.5641, 20.4948, 29.3634**, and if you desaturate by 10%, it is **24.1139, 25.7196, 30.0793**.

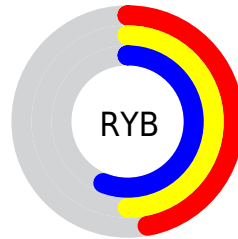
Distribution



Red (47%)

Green (53%)

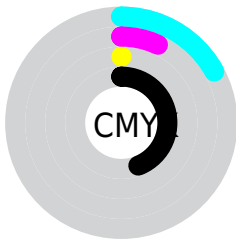
Blue (56%)



Red (47%)

Yellow (50%)

Blue (56%)

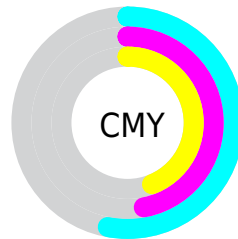


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1669, 22.9857, 29.7066 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 21.1669, 22.9857, 29.7066 by changing the saturation by 10% instead.

■ 21.1669, 22.9857,
29.7066

■ 21.1669, 22.9857,
29.7066

250.8791,
267.6515, 314.6991

■ 13.3592, 14.5829,
19.3658

■ 44.8543, 48.3698,
60.2534

■ 7.7551, 8.5272,
11.7554

■ 61.4648, 66.1200,
81.2965

■ 3.9891, 4.4341,
6.4569

■ 81.7402, 87.7548,
106.7441

■ 1.6960, 1.9192,
3.0516

106.0459,
113.6586, 137.0148

■ 0.4537, 0.5599,
1.1210

134.7473,
144.2158, 172.5271

■ 0.0000, 0.0000,
0.0000

168.2097,

179.8107, 213.6996

206.7986,
220.8278, 260.9507

■ 21.1669, 22.9857,
29.7066

■ 21.1669, 22.9857,
29.7066

■ 18.5641, 20.4948,
29.3634

■ 24.1139, 25.7196,
30.0793

■ 16.2893, 18.2357,
29.0472

■ 27.4163, 28.7015,
30.4809

■ 14.3282, 16.2006,
28.7578

■ 31.0873, 31.9398,
30.9124

■ 12.6641, 14.3799,
28.4940

■ 35.1388, 35.4414,
31.3748

■ 11.2791, 12.7633,
28.2550

■ 39.5820, 39.2133,
31.8686

■ 10.1530, 11.3391,
28.0395

■ 44.4280, 43.2618,
32.3947

■ 9.2624, 10.0942,
27.8461

■ 49.6870, 47.5933,
32.9535

■ 8.5656, 9.0059,
27.6728

■ 55.3690, 52.2138,
33.5459

■ 8.3946, 8.7347,
27.6294

■ 61.4838, 57.1291,
34.1724

Harmonies

Analogous

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



20.5094, 22.9857, 27.9747



21.1669, 22.9857, 29.7066



22.0230, 22.9857, 30.1494

Triad

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



21.1669, 22.9857, 29.7066



23.5692, 22.9857, 24.5288



20.8710, 22.9857, 21.3155

Complementary

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



21.1669, 22.9857, 29.7066



22.6819, 22.9619, 20.6900

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.



21.6724, 22.9857, 20.5213



21.1669, 22.9857, 29.7066



23.2420, 22.9857, 22.2949

Square

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



21.1669, 22.9857, 29.7066



23.4252, 22.9857, 27.0486



22.5420, 22.9857, 20.8675



20.3418, 22.9857, 23.1097

Rectangle

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



21.1669, 22.9857, 29.7066



22.5944, 22.9857, 29.6298



22.5420, 22.9857, 20.8675



21.1167, 22.9857, 20.9283

Sweetspot

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



21.1676, 22.9866, 29.7071



43.7901, 46.5115, 53.2076



21.5163, 25.4428, 24.4014



9.9608, 10.5921, 12.1917



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.1676, 22.9866, 29.7071



35.3936, 38.7032, 52.1430



19.5916, 19.8348, 29.1818



5.3817, 5.7592, 6.8568



7.3334, 7.6529, 24.0677



0.0917, 0.1164, 0.2373

Inverse Universe

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



22.4021, 20.8448, 25.3980



38.0336, 34.2654, 42.8957



24.3689, 26.3360, 21.2523



5.5361, 5.4750, 6.3214



11.5047, 5.7589, 8.3090



0.1209, 0.0594, 0.1369

Previews

White Background



This preview shows how the XYZ color 21.1669, 22.9857, 29.7066 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 21.1669, 22.9857, 29.7066 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

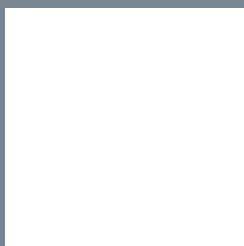
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1669, 22.9857, 29.7066

Background



This preview shows how black text looks on a background with the XYZ color 21.1669, 22.9857, 29.7066.



This preview shows how white text looks on a background with the XYZ color 21.1669, 22.9857,

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

21.1669, 22.9857, 29.7066

Protanopia

22.3589, 23.0109, 28.8543

Deuteranopia

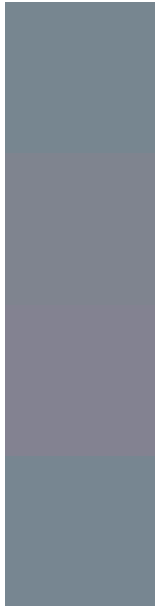
23.3112, 22.8860, 29.9769



Tritanopia

21.2437, 23.0165, 30.1110

Trichromacy



Original Color

21.1669, 22.9857, 29.7066

Protanomaly

21.9616, 22.9977, 29.2681

Deuteranomaly

22.4535, 22.8349, 30.0122

Tritanomaly

21.2437, 23.0165, 30.1110

Monochromacy



Original Color

21.1669, 22.9857, 29.7066

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4476, 22.7921, 26.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1669, 22.9857, 29.7066 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, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 134, 144)  
}
```

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, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 134, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.1669, 22.9857, 29.7066 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, 134, 144) }
```


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

```
.border{ border-color:rgb(119, 134, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 134, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(119, 134,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1669, 22.9857, 29.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 134, 144) }
```

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

```
.background{ background-color: rgb(119,  
134, 144) }
```

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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