

Converting Colors

XYZ(21.7023, 24.9213, 32.9446)

Have a look what the booklet for
XYZ(21.7023, 24.9213, 32.9446)
contains.

XYZ(21.6893, 24.8954, 32.9403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6893, 24.8954,
32.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8E97
RGB	110, 142, 151
RGB Percent	43%, 56%, 59%
CMY	0.5686, 0.4431, 0.4078
CMYK	0.27, 0.06, 0.00, 0.41
HSL	193°, 16%, 51%
HSV	193°, 27%, 59%
XYZ	21.6893, 24.8954, 32.9403
YIQ	133.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

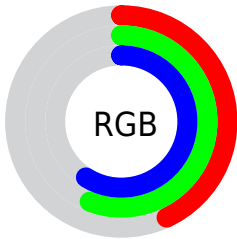
Format	Color
R_{YB}	110, 128, 151
Decimal	7245463
CIE _{Lab}	56.97, -9.00, -8.45
CIE _{LCh}	57, 12.340, 223.189
Yxy	24.8954, 0.2727, 0.3131
Android (android.graphics.Color)	4285435543 (0xFF6E8E97)
YUV	133.4580, 8.6482, -20.5727
Hunter-Lab	49.8953, -9.7235, -4.2159

Details

The XYZ color **21.6893, 24.8954, 32.9403** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1740, 20.8987, 17.6174**, and the grayscale version is **22.4371, 23.6056, 25.7065**.

A 20% lighter version of the original color is **45.8636, 51.6742, 65.3144**, and **8.0519, 9.5665, 13.4787** is the 20% darker color. If you saturate the color by 10%, you get **19.4827, 23.0374, 32.6984**, and if you desaturate by 10%, it is **24.2322, 26.9498, 33.2032**.

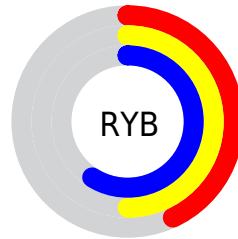
Distribution



Red (43%)

Green (56%)

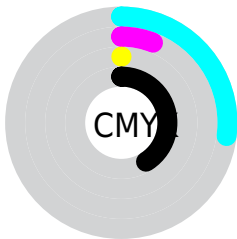
Blue (59%)



Red (43%)

Yellow (50%)

Blue (59%)

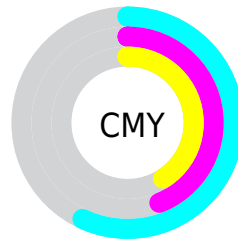


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (41%)



Cyan (57%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6893, 24.8954, 32.9403 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 21.6893, 24.8954, 32.9403 by changing the saturation by 10% instead.

■ 21.6893, 24.8954,
32.9403

■ 21.6893, 24.8954,
32.9403

253.5824,
277.3166, 330.0044

■ 13.7441, 15.9991,
21.8100

■ 45.7146, 51.4875,
65.3972

■ 8.0234, 9.5235,
13.5204

■ 62.5255, 69.9521,
87.5609

■ 4.1619, 5.0842,
7.6529

■ 83.0222, 92.3749,
114.2395

■ 1.7941, 2.2968,
3.7891

■ 107.5703,
119.1404, 145.8515

■ 0.5141, 0.7720,
1.5104

136.5350,
150.6330, 182.8155

■ 0.0000, 0.0000,
0.2256

170.2816,

■ 0.0000, 0.0000,

187.2369, 225.5499

0.0000

209.1757,
229.3367, 274.4734

■ 21.6893, 24.8954,
32.9403

■ 21.6893, 24.8954,
32.9403

■ 19.4827, 23.0374,
32.6984

■ 24.2322, 26.9498,
33.2032

■ 17.5939, 21.3641,
32.4749

■ 27.1244, 29.2057,
33.4862

■ 16.0058, 19.8672,
32.2697

■ 30.3808, 31.6714,
33.7905

■ 14.6988, 18.5364,
32.0818

■ 34.0150, 34.3542,
34.1168

■ 13.6509, 17.3603,
31.9100

■ 38.0397, 37.2608,
34.4657

■ 12.8367, 16.3253,
31.7531

■ 42.4669, 40.3976,
34.8378

■ 12.2135, 15.4096,
31.6092

■ 47.3083, 43.7707,
35.2337

■ 12.0481, 15.1587,
31.5695

■ 52.5750, 47.3861,
35.6540

■ 58.2777, 51.2494,
36.0991

Harmonies

Analogous

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



21.0530, 24.8954, 28.9677



21.6893, 24.8954, 32.9403



22.8659, 24.8954, 35.4813

Triad

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



21.6893, 24.8954, 32.9403



26.4297, 24.8954, 29.4798



23.0326, 24.8954, 20.0592

Complementary

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



21.6893, 24.8954, 32.9403



22.1740, 20.8987, 17.6174

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.



24.4770, 24.8954, 20.1661



21.6893, 24.8954, 32.9403



26.4788, 24.8954, 25.3275

Square

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



21.6893, 24.8954, 32.9403



25.6200, 24.8954, 33.3480



25.7515, 24.8954, 22.0063



21.8070, 24.8954, 21.6974

Rectangle

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



21.6893, 24.8954, 32.9403



23.8176, 24.8954, 35.8759



25.7515, 24.8954, 22.0063



23.5078, 24.8954, 19.8976

Sweetspot

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



21.6900, 24.8964, 32.9409



48.0244, 51.8789, 59.9161



20.8202, 26.7778, 21.4878



10.7416, 11.6573, 13.6014



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.6900, 24.8964, 32.9409



36.2044, 42.3802, 58.7057



18.9293, 19.3749, 32.0206



6.2695, 6.7964, 7.9104



10.2710, 12.9387, 26.8638



0.1791, 0.2445, 0.4101

Inverse Universe

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



23.2215, 19.6847, 28.1680



39.5040, 31.5475, 48.3335



24.8656, 26.2820, 18.5147



6.4032, 6.3004, 7.5032



13.6431, 6.7115, 15.1774



0.2168, 0.1055, 0.2947

Previews

White Background



This preview shows how the XYZ color 21.6893, 24.8954, 32.9403 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 21.6893, 24.8954, 32.9403 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 21.6893, 24.8954, 32.9403

Background



This preview shows how black text looks on a background with the XYZ color 21.6893, 24.8954, 32.9403.



This preview shows how white text looks on a background with the XYZ color 21.6893, 24.8954,

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

21.6893, 24.8954, 32.9403

Protanopia

24.0838, 24.6688, 31.0960

Deuteranopia

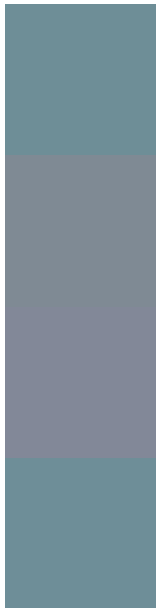
25.2926, 24.8257, 33.5958



Tritanopia

21.8532, 24.9609, 33.8031

Trichromacy



Original Color

21.6893, 24.8954, 32.9403

Protanomaly

23.1862, 24.8271, 31.5870

Deuteranomaly

23.6776, 24.6211, 33.2102

Tritanomaly

21.7709, 24.9280, 33.3699

Monochromacy



Original Color

21.6893, 24.8954, 32.9403

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9952, 23.8617, 28.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6893, 24.8954, 32.9403 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(110, 142, 151)` looks like.

```
.text, #text, p{  
    color:rgb(110, 142, 151)  
}
```

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(110, 142, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 142, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.6893, 24.8954, 32.9403 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(110, 142, 151) }
```


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

```
.border{ border-color:rgb(110, 142, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 142, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 142, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 142, 151);  
box-shadow:4px 4px 4px 4px rgb(110, 142,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6893, 24.8954, 32.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 142, 151) }
```

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

```
.background{ background-color: rgb(110,  
142, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor