

Converting Colors

XYZ(21.5970, 26.2327, 31.9415)

Have a look what the booklet for
XYZ(21.5970, 26.2327, 31.9415)
contains.

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Color

**XYZ(21.6441, 26.2610,
31.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	689494
RGB	104, 148, 148
RGB Percent	41%, 58%, 58%
CMY	0.5922, 0.4196, 0.4196
CMYK	0.30, 0.00, 0.00, 0.42
HSL	180°, 17%, 49%
HSV	180°, 30%, 58%
XYZ	21.6441, 26.2610, 31.9451
YIQ	134.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

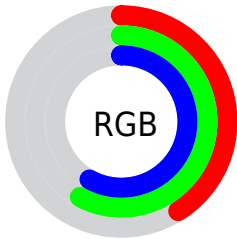
Format	Color
RYB	104, 126, 148
Decimal	6853780
CIELab	58.28, -14.86, -4.82
CIElCh	58, 15.621, 197.972
Yxy	26.2610, 0.2711, 0.3289
Android (android.graphics.Color)	4285043860 (0xFF689494)
YUV	134.8440, 6.4859, -27.0502
Hunter-Lab	51.2455, -14.2881, -1.0880

Details

The XYZ color **21.6441, 26.2610, 31.9451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6626, 17.1967, 15.3806**, and the grayscale version is **22.9556, 24.1511, 26.3005**.

A 20% lighter version of the original color is **45.6858, 53.6734, 63.8292**, and **7.9537, 10.1967, 12.8582** is the 20% darker color. If you saturate the color by 10%, you get **20.0749, 25.4527, 31.8720**, and if you desaturate by 10%, it is **23.5164, 27.2269, 32.0336**.

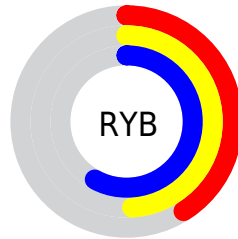
Distribution



Red (41%)

Green (58%)

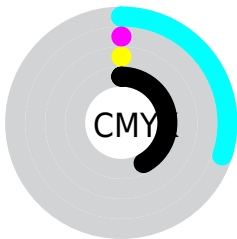
Blue (58%)



Red (41%)

Yellow (49%)

Blue (58%)

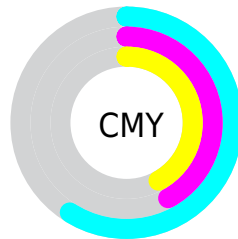


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6441, 26.2610, 31.9451 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 21.6441, 26.2610, 31.9451 by changing the saturation by 10% instead.

■ 21.6441, 26.2610,
31.9451

■ 21.6441, 26.2610,
31.9451

253.3494,
284.0610, 325.3541

■ 13.7108, 17.0190,
21.0551

■ 45.6403, 53.6957,
63.8219

■ 8.0001, 10.2480,
12.9726

■ 62.4339, 72.6572,
85.6458

■ 4.1468, 5.5637,
7.2792

■ 82.9116, 95.6273,
111.9514

■ 1.7855, 2.5817,
3.5562

■ 107.4388,
122.9904, 143.1573

■ 0.5089, 0.9175,
1.3852

136.3808,
155.1310, 179.6820

■ 0.0000, 0.0000,
0.1301

170.1030,

■ 0.0000, 0.0000,

192.4333, 221.9440

0.0000

208.9708,
235.2818, 270.3618

■ 21.6441, 26.2610,
31.9451

■ 21.6441, 26.2610,
31.9451

■ 20.0749, 25.4527,
31.8720

■ 23.5164, 27.2269,
32.0336

■ 18.7907, 24.7907,
31.8116

■ 25.7041, 28.3547,
32.1362

■ 17.7751, 24.2671,
31.7638

■ 28.2216, 29.6525,
32.2543

■ 17.0090, 23.8722,
31.7277

■ 31.0818, 31.1269,
32.3884

■ 16.4709, 23.5948,
31.7022

■ 34.2968, 32.7844,
32.5391

■ 16.1357, 23.4220,
31.6863

■ 37.8783, 34.6307,
32.7070

■ 15.9404, 23.3213,
31.6769

■ 41.8373, 36.6716,
32.8925

■ 15.9354, 23.3188,
31.6766

■ 46.1843, 38.9125,
33.0962

■ 50.9295, 41.3588,
33.3186

Harmonies

Analogous

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



21.5551, 26.2610, 26.4685



21.6441, 26.2610, 31.9451



22.5935, 26.2610, 37.0910

Triad

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



21.6441, 26.2610, 31.9451



27.7735, 26.2610, 36.1858



25.7293, 26.2610, 19.5330

Complementary

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



21.6441, 26.2610, 31.9451



19.6626, 17.1967, 15.3806

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.



27.4868, 26.2610, 21.5048



21.6441, 26.2610, 31.9451



28.7065, 26.2610, 30.8299

Square

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



21.6441, 26.2610, 31.9451



26.1046, 26.2610, 39.7450



28.5990, 26.2610, 25.4854



23.8499, 26.2610, 19.7517

Rectangle

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



21.6441, 26.2610, 31.9451



23.6151, 26.2610, 39.4305



28.5990, 26.2610, 25.4854



26.3557, 26.2610, 19.9502

Sweetspot

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



21.6449, 26.2621, 31.9457



45.5807, 50.1463, 56.7110



18.8838, 25.1675, 16.9597



10.2784, 11.3820, 12.9399



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6449, 26.2621, 31.9457



36.1994, 45.3101, 56.2707



18.6099, 20.1919, 30.9348



5.9641, 6.5622, 7.4220



13.6108, 19.9171, 27.0558



0.1666, 0.2438, 0.3312

Inverse Universe

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



19.6626, 17.1967, 15.3806



32.0954, 26.5415, 21.9749



22.0798, 22.0311, 16.1859



5.8008, 5.8154, 6.0573



10.4317, 5.3777, 0.4884



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 21.6441, 26.2610, 31.9451 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 21.6441, 26.2610, 31.9451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

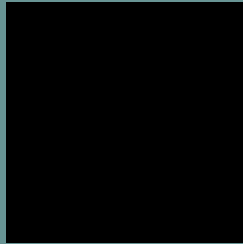
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6441, 26.2610, 31.9451

Background



This preview shows how black text looks on a background with the XYZ color 21.6441, 26.2610, 31.9451.

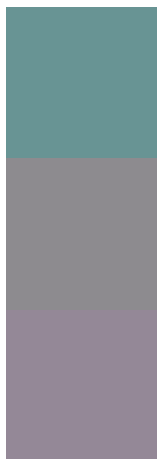


This preview shows how white text looks on a background with the XYZ color 21.6441, 26.2610,

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

21.6441, 26.2610, 31.9451

Protanopia

25.1750, 26.1111, 29.6997

Deuteranopia

26.6028, 26.1386, 32.9213



Tritanopia

22.3943, 26.0906, 36.2034

Trichromacy



Original Color

21.6441, 26.2610, 31.9451

Protanomaly

23.6859, 25.9795, 30.5542

Deuteranomaly

24.3988, 25.8637, 32.5604

Tritanomaly

22.0922, 26.2038, 34.4653

Monochromacy



Original Color

21.6441, 26.2610, 31.9451

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4239, 24.9347, 28.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6441, 26.2610, 31.9451 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(104, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(104, 148, 148)  
}
```

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(104, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.6441, 26.2610, 31.9451 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(104, 148, 148) }
```


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

```
.border{ border-color:rgb(104, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(104, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6441, 26.2610, 31.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 148, 148) }
```

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

```
.background{ background-color: rgb(104,  
148, 148) }
```

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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