

Converting Colors

XYZ(21.3195, 24.5765, 25.7939)

Have a look what the booklet for
XYZ(21.3195, 24.5765, 25.7939)
contains.

XYZ(21.3663, 24.6651, 25.8250)	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(21.3663, 24.6651,
25.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	778D85
RGB	119, 141, 133
RGB Percent	47%, 55%, 52%
CMY	0.5333, 0.4470, 0.4784
CMYK	0.16, 0.00, 0.06, 0.45
HSL	158°, 9%, 51%
HSV	158°, 16%, 55%
XYZ	21.3663, 24.6651, 25.8250
YIQ	133.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

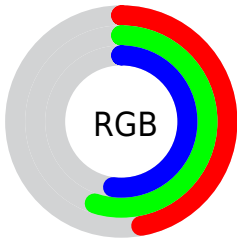
Format	Color
R_{YB}	119, 132, 141
Decimal	7835013
CIE Lab	56.75, -9.55, 1.63
CIE LCh	57, 9.686, 170.335
Yxy	24.6651, 0.2973, 0.3433
Android (android.graphics.Color)	4286025093 (0xFF778D85)
YUV	133.5100, -0.2514, -12.7253
Hunter-Lab	49.6640, -10.1182, 3.9343

Details

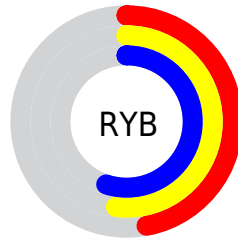
The XYZ color **21.3663, 24.6651, 25.8250** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4130, 20.3894, 22.8869**, and the grayscale version is **22.4846, 23.6555, 25.7609**.

A 20% lighter version of the original color is **45.1726, 51.2333, 53.9625**, and **7.8671, 9.4244, 9.7919** is the 20% darker color. If you saturate the color by 10%, you get **19.2273, 23.6030, 23.9206**, and if you desaturate by 10%, it is **23.8111, 25.8842, 27.8350**.

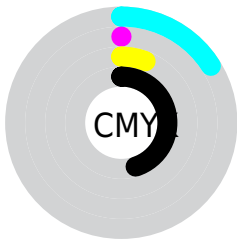
Distribution



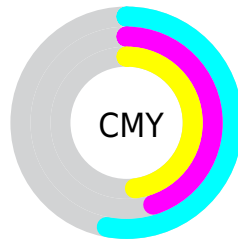
- Red (47%)
- Green (55%)
- Blue (52%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3663, 24.6651, 25.8250 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 21.3663, 24.6651, 25.8250 by changing the saturation by 10% instead.

■ 21.3663, 24.6651,
25.8250

■ 21.3663, 24.6651,
25.8250

251.9139,
276.1660, 295.5000

■ 13.5060, 15.8277,
16.4682

■ 45.1831, 51.1134,
53.9731

■ 7.8573, 9.4023,
9.6981

■ 61.8702, 69.4931,
73.6015

■ 4.0548, 5.0045,
5.0963

■ 82.2304, 91.8224,
97.4908

■ 1.7332, 2.2499,
2.2441

106.6290,
118.4856, 126.0595

■ 0.4769, 0.7470,
0.6997

135.4312,
149.8672, 159.7263

■ 0.0000, 0.0000,
0.0000

169.0026,

186.3515, 198.9096

207.7083,
228.3230, 244.0280

■ 21.3663, 24.6651,
25.8250

■ 21.3663, 24.6651,
25.8250

■ 19.2273, 23.6030,
23.9206

■ 23.8111, 25.8842,
27.8350

■ 17.3793, 22.6883,
22.1184

■ 26.5717, 27.2633,
29.9509

■ 15.8090, 21.9149,
20.4170

■ 29.6602, 28.8095,
32.1749

■ 14.5017, 21.2750,
18.8142

■ 33.0874, 30.5282,
34.5088

■ 13.4408, 20.7603,
17.3080

■ 36.8636, 32.4247,
36.9541

■ 12.6080, 20.3614,
15.8962

■ 40.9987, 34.5041,
39.5126

■ 11.9824, 20.0675,
14.5763

■ 45.5022, 36.7712,
42.1858

■ 11.5336, 19.8629,
13.3454

■ 50.3831, 39.2307,
44.9752

■ 11.3589, 19.7840,
12.8305

■ 55.6502, 41.8871,
47.8823

Harmonies

Analogous

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



21.8105, 24.6651, 23.0772



21.3663, 24.6651, 25.8250



21.4647, 24.6651, 29.0768

Triad

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



21.3663, 24.6651, 25.8250



24.2065, 24.6651, 33.1230



24.8577, 24.6651, 22.3456

Complementary

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



21.3663, 24.6651, 25.8250



21.4130, 20.3894, 22.8869

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.



25.5401, 24.6651, 24.7514



21.3663, 24.6651, 25.8250



25.1559, 24.6651, 31.0265

Square

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



21.3663, 24.6651, 25.8250



23.0806, 24.6651, 33.4686



25.6510, 24.6651, 27.9143



23.8101, 24.6651, 21.1776

Rectangle

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



21.3663, 24.6651, 25.8250



21.8261, 24.6651, 31.0880



25.6510, 24.6651, 27.9143



25.1388, 24.6651, 23.0268

Sweetspot

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



21.3670, 24.6661, 25.8255



42.8717, 46.4680, 50.0293



21.6178, 24.8999, 21.1201



9.5114, 10.3467, 11.1234



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.3670, 24.6661, 25.8255



36.7425, 43.4148, 44.9278



21.5144, 24.0421, 28.7071



5.4781, 6.0835, 6.4837



10.3645, 18.0417, 11.7393



0.1097, 0.1767, 0.1681

Inverse Universe

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



21.4130, 20.3894, 22.8869



36.8427, 34.1336, 38.5516



21.2665, 20.8981, 20.3662



5.4849, 5.4545, 6.0514



10.5735, 5.3864, 3.4052



0.1110, 0.0555, 0.0848

Previews

White Background



This preview shows how the XYZ color 21.3663, 24.6651, 25.8250 looks on a white background.

Color Contrast Check

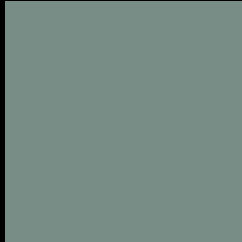
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3663, 24.6651, 25.8250 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

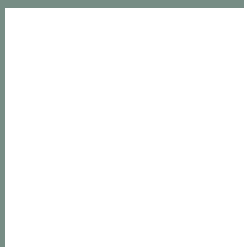
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3663, 24.6651, 25.8250

Background



This preview shows how black text looks on a background with the XYZ color 21.3663, 24.6651, 25.8250.



This preview shows how white text looks on a background with the XYZ color 21.3663, 24.6651,

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

21.3663, 24.6651, 25.8250

Protanopia

23.5085, 24.5151, 24.6120

Deuteranopia

24.8839, 24.3714, 26.3143



Tritanopia

22.7637, 24.8048, 32.4422

Trichromacy



Original Color

21.3663, 24.6651, 25.8250

Protanomaly

22.5581, 24.4355, 25.0003

Deuteranomaly

23.4483, 24.4524, 26.0382

Tritanomaly

22.2973, 24.8347, 30.0039

Monochromacy



Original Color

21.3663, 24.6651, 25.8250

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3020, 24.2797, 26.0653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3663, 24.6651, 25.8250 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, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 133)  
}
```

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, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.3663, 24.6651, 25.8250 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, 141, 133) }
```


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

```
.border{ border-color:rgb(119, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 141,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3663, 24.6651, 25.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 133) }
```

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

```
.background{ background-color: rgb(119,  
141, 133) }
```

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