

Converting Colors

XYZ(21.9100, 21.0334, 25.0608)

Have a look what the booklet for
XYZ(21.9100, 21.0334, 25.0608)
contains.

XYZ(21.8862, 20.9436, 25.0793)	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(21.8862, 20.9436,
25.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7985
RGB	140, 121, 133
RGB Percent	55%, 47%, 52%
CMY	0.4510, 0.5255, 0.4784
CMYK	0.00, 0.14, 0.05, 0.45
HSL	322°, 8%, 51%
HSV	322°, 14%, 55%
XYZ	21.8862, 20.9436, 25.0793
YIQ	128.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

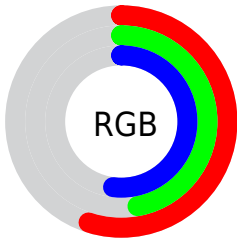
Format	Color
R_{YB}	140, 121, 133
Decimal	9206149
CIE _{Lab}	52.89, 9.54, -3.83
CIE _{LCh}	53, 10.274, 338.138
Yxy	20.9436, 0.3223, 0.3084
Android (android.graphics.Color)	4287396229 (0xFF8C7985)
YUV	128.0490, 2.4408, 10.4810
Hunter-Lab	45.7642, 5.2783, -0.4567

Details

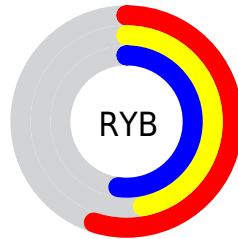
The XYZ color **21.8862, 20.9436, 25.0793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1603, 24.3802, 24.0137**, and the grayscale version is **20.5252, 21.5942, 23.5160**.

A 20% lighter version of the original color is **46.0546, 44.9016, 52.6939**, and **8.1340, 7.4485, 9.3965** is the 20% darker color. If you saturate the color by 10%, you get **19.9593, 17.6459, 22.7217**, and if you desaturate by 10%, it is **24.0788, 24.7440, 27.6123**.

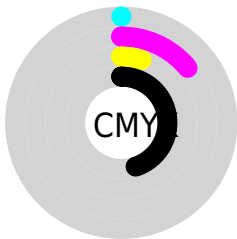
Distribution



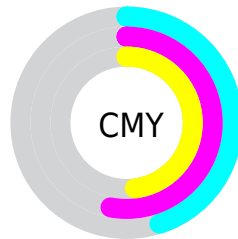
- Red (55%)
- Green (47%)
- Blue (52%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8862, 20.9436, 25.0793 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 21.8862, 20.9436, 25.0793 by changing the saturation by 10% instead.

■ 21.8862, 20.9436,
25.0793

■ 21.8862, 20.9436,
25.0793

254.5950,
256.9786, 291.6929

■ 13.8894, 13.0828,
15.9166

■ 46.0381, 44.9937,
52.7516

■ 8.1250, 7.4856,
9.3114

■ 62.9239, 61.9517,
72.0982

■ 4.2275, 3.7676,
4.8453

■ 83.5035, 82.7109,
95.6765

■ 1.8316, 1.5444,
2.0996

108.1422,
107.6557, 123.9051

■ 0.5366, 0.3197,
0.6155

137.2053,
137.1705, 157.2025

■ 0.0000, 0.0000,
0.0000

171.0583,

171.6396, 195.9873

210.0663,
211.4475, 240.6779

■ 21.8862, 20.9436,
25.0793

■ 21.8862, 20.9436,
25.0793

■ 19.9593, 17.6459,
22.7217

■ 24.0788, 24.7440,
27.6123

■ 18.2853, 14.8269,
20.5334

■ 26.5454, 29.0643,
30.3239

■ 16.8534, 12.4647,
18.5097

■ 29.2962, 33.9244,
33.2191

■ 15.6509, 10.5345,
16.6450

■ 32.3405, 39.3421,
36.3019

■ 14.6641, 9.0093,
14.9335

■ 35.6870, 45.3347,
39.5766

■ 13.8777, 7.8591,
13.3688

■ 39.3440, 51.9185,
43.0468

■ 13.2744, 7.0495,
11.9437

■ 43.3196, 59.1092,
46.7166

■ 12.8332, 6.5390,
10.6498

■ 47.6216, 66.9220,
50.5893

■ 12.5941, 6.2870,
9.8728

■ 52.2573, 75.3714,
54.6688

Harmonies

Analogous

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



21.2098, 20.9436, 27.7823



21.8862, 20.9436, 25.0793



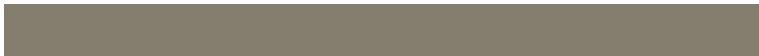
22.0226, 20.9436, 21.9765

Triad

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



21.8862, 20.9436, 25.0793



19.6152, 20.9436, 17.4332



18.3249, 20.9436, 26.6573

Complementary

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



21.8862, 20.9436, 25.0793



21.1603, 24.3802, 24.0137

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.



17.9300, 20.9436, 23.6521



21.8862, 20.9436, 25.0793



18.6573, 20.9436, 18.4591

Square

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



21.8862, 20.9436, 25.0793



20.6856, 20.9436, 17.7410



18.0495, 20.9436, 20.6707



19.1467, 20.9436, 28.7489

Rectangle

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



21.8862, 20.9436, 25.0793



21.7845, 20.9436, 20.1255



18.0495, 20.9436, 20.6707



18.1392, 20.9436, 25.7102

Sweetspot

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



21.8868, 20.9445, 25.0797



42.2410, 43.2575, 48.4438



20.4689, 20.1558, 27.6229



9.6690, 9.8555, 11.0898



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.



21.8868, 20.9445, 25.0797



37.6007, 35.2294, 43.0353



21.2619, 20.6946, 21.7892



5.1570, 5.0982, 5.9150



11.2000, 5.5901, 8.8233



0.0815, 0.0400, 0.0959

Inverse Universe

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



21.8868, 20.9445, 25.0797



37.6007, 35.2294, 43.0353



21.8128, 24.6412, 27.4498



5.1570, 5.0982, 5.9150



11.2000, 5.5901, 8.8233



0.0815, 0.0400, 0.0959

Previews

White Background



This preview shows how the XYZ color 21.8862, 20.9436, 25.0793 looks on a white background.

Color Contrast Check

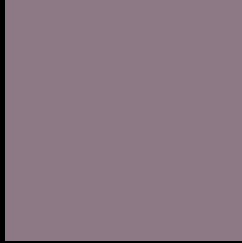
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8862, 20.9436, 25.0793 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

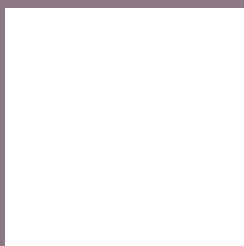
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8862, 20.9436, 25.0793

Background



This preview shows how black text looks on a background with the XYZ color 21.8862, 20.9436, 25.0793.



This preview shows how white text looks on a background with the XYZ color 21.8862, 20.9436,

25.0793.

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

21.8862, 20.9436, 25.0793

Protanopia

20.5090, 21.1349, 26.2911

Deuteranopia

21.4699, 21.0936, 25.1302



Tritanopia

21.7493, 20.8889, 24.3584

Trichromacy



Original Color

21.8862, 20.9436, 25.0793

Protanomaly

20.9409, 20.9899, 25.8694

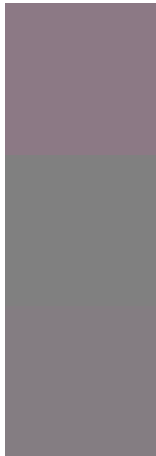
Deuteranomaly

21.5097, 20.9309, 25.0967

Tritanomaly

21.8174, 20.9161, 24.7171

Monochromacy



Original Color

21.8862, 20.9436, 25.0793

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8786, 21.1845, 24.1077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8862, 20.9436, 25.0793 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(140, 121, 133)` looks like.

```
.text, #text, p{  
    color:rgb(140, 121, 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(140, 121, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 121, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.8862, 20.9436, 25.0793 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(140, 121, 133) }
```


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

```
.border{ border-color:rgb(140, 121, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 121, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 121, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 121, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 121,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8862, 20.9436, 25.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 121, 133) }
```

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

```
.background{ background-color: rgb(140,  
121, 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](#).

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