

Converting Colors

XYZ(21.2349, 23.8850, 23.2746)

Have a look what the booklet for
XYZ(21.2349, 23.8850, 23.2746)
contains.

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Color

**XYZ(21.1690, 23.7577,
23.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	7D897E
RGB	125, 137, 126
RGB Percent	49%, 54%, 49%
CMY	0.5098, 0.4627, 0.5059
CMYK	0.09, 0.00, 0.08, 0.46
HSL	125°, 5%, 51%
HSV	125°, 9%, 54%
XYZ	21.1690, 23.7577, 23.2086
YIQ	132.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

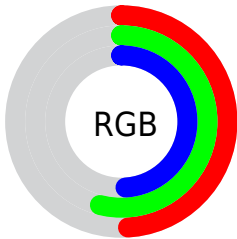
Format	Color
RYB	125, 136, 137
Decimal	8227198
CIELab	55.84, -6.59, 4.40
CIElCh	56, 7.927, 146.289
Yxy	23.7577, 0.3107, 0.3487
Android (android.graphics.Color)	4286417278 (0xFF7D897E)
YUV	132.1580, -3.0359, -6.2776
Hunter-Lab	48.7419, -7.7742, 5.8882

Details

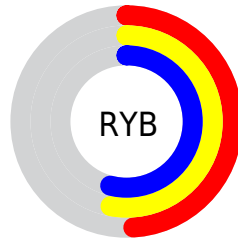
The XYZ color **21.1690, 23.7577, 23.2086** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0950, 21.7637, 26.3300**, and the grayscale version is **22.0012, 23.1470, 25.2071**.

A 20% lighter version of the original color is **44.9102, 49.5466, 49.8442**, and **7.7282, 8.8887, 8.3295** is the 20% darker color. If you saturate the color by 10%, you get **18.5452, 22.4936, 19.1179**, and if you desaturate by 10%, it is **24.1718, 25.2068, 27.8491**.

Distribution



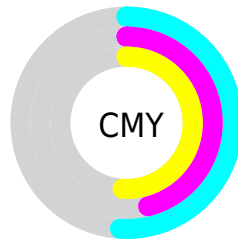
- Red (49%)
- Green (54%)
- Blue (49%)



- Red (49%)
- Yellow (53%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1690, 23.7577, 23.2086 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 21.1690, 23.7577, 23.2086 by changing the saturation by 10% instead.

■ 21.1690, 23.7577,
23.2086

■ 21.1690, 23.7577,
23.2086

250.8900,
271.5932, 281.9512

■ 13.3608, 15.1540,
14.5409

■ 44.8578, 49.6345,
49.6632

■ 7.7561, 8.9275,
8.3548

■ 61.4690, 67.6764,
68.2870

■ 3.9898, 4.6939,
4.2318

■ 81.7453, 89.6331,
91.0667

■ 1.6964, 2.0688,
1.7533

106.0521,
115.8891, 118.4208

■ 0.4540, 0.6470,
0.3969

134.7545,
146.8287, 150.7677

■ 0.0000, 0.0000,
0.0000

168.2181,

182.8363, 188.5261

206.8081,
224.2963, 232.1144

■ 21.1690, 23.7577,
23.2086

■ 21.1690, 23.7577,
23.2086

■ 18.5452, 22.4936,
19.1179

■ 24.1718, 25.2068,
27.8491

■ 16.2834, 21.4041,
15.5553

■ 27.5658, 26.8447,
33.0572

■ 14.3683, 20.4825,
12.4995

■ 31.3651, 28.6790,
38.8516

■ 12.7827, 19.7204,
9.9277

■ 35.5823, 30.7158,
45.2498

■ 11.5081, 19.1087,
7.8150

■ 40.2297, 32.9611,
52.2687

■ 10.5238, 18.6375,
6.1343

■ 45.3191, 35.4206,
59.9243

■ 9.8069, 18.2955,
4.8559

■ 50.8617, 38.0998,
68.2321

■ 9.3310, 18.0697,
3.9461

■ 56.8683, 41.0039,
77.2072

■ 9.0399, 17.9323,
3.3647

■ 63.3495, 44.1380,
86.8639

Harmonies

Analogous

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



21.8216, 23.7577, 21.6661



21.1690, 23.7577, 23.2086



20.8944, 23.7577, 25.5480

Triad

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



21.1690, 23.7577, 23.2086



22.4689, 23.7577, 31.1471



24.1716, 23.7577, 23.7303

Complementary

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



21.1690, 23.7577, 23.2086



22.0950, 21.7637, 26.3300

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.



24.3560, 23.7577, 26.1908



21.1690, 23.7577, 23.2086



23.3577, 23.7577, 30.5810

Square

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



21.1690, 23.7577, 23.2086



21.6322, 23.7577, 30.2231



24.0544, 23.7577, 28.7234



23.5571, 23.7577, 21.9530

Rectangle

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



21.1690, 23.7577, 23.2086



20.9571, 23.7577, 27.2862



24.0544, 23.7577, 28.7234



24.2867, 23.7577, 24.5000

Sweetspot

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



21.1697, 23.7587, 23.2091



40.8859, 43.9810, 46.1701



22.8017, 24.6075, 22.9502



9.0804, 9.8212, 10.2165



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.1697, 23.7587, 23.2091



36.6805, 41.9529, 39.6526



21.5687, 23.9183, 25.3105



4.9877, 5.6146, 5.4562



8.3936, 16.6900, 3.0973



0.0577, 0.1116, 0.0307

Inverse Universe

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



22.0950, 21.7637, 26.3300



38.7722, 37.4430, 46.7075



21.6802, 21.5978, 24.1459



5.2162, 5.1219, 6.2269



13.0948, 6.3480, 18.8015



0.0895, 0.0432, 0.1379

Previews

White Background



This preview shows how the XYZ color 21.1690, 23.7577, 23.2086 looks on a white background.

Color Contrast Check

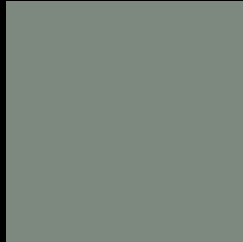
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1690, 23.7577, 23.2086 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

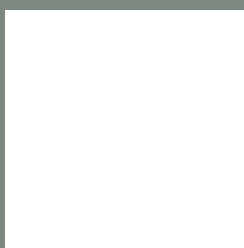
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1690, 23.7577, 23.2086

Background



This preview shows how black text looks on a background with the XYZ color 21.1690, 23.7577, 23.2086.



This preview shows how white text looks on a background with the XYZ color 21.1690, 23.7577,

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

21.1690, 23.7577, 23.2086

Protanopia

22.5069, 23.6336, 22.4443

Deuteranopia

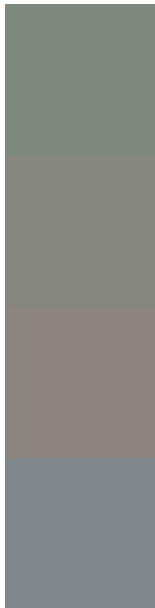
24.1410, 23.6486, 23.7143



Tritanopia

22.5380, 23.6837, 30.1716

Trichromacy



Original Color

21.1690, 23.7577, 23.2086

Protanomaly

21.8996, 23.5174, 22.7871

Deuteranomaly

22.8972, 23.6103, 23.4291

Tritanomaly

22.0038, 23.6749, 27.4548

Monochromacy



Original Color

21.1690, 23.7577, 23.2086

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6076, 23.3290, 24.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1690, 23.7577, 23.2086 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(125, 137, 126) looks like.

```
.text, #text, p{  
    color:rgb(125, 137, 126)  
}
```

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(125, 137, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 137, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.1690, 23.7577, 23.2086 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(125, 137, 126) }
```


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

```
.border{ border-color:rgb(125, 137, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 137, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 137, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 137, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 137,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1690, 23.7577, 23.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 137, 126) }
```

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

```
.background{ background-color: rgb(125,  
137, 126) }
```

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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