

Converting Colors

XYZ(21.4392, 23.7723, 27.4631)

Have a look what the booklet for
XYZ(21.4392, 23.7723, 27.4631)
contains.

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Color

**XYZ(21.4183, 23.7912,
27.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	79898A
RGB	121, 137, 138
RGB Percent	47%, 54%, 54%
CMY	0.5255, 0.4627, 0.4588
CMYK	0.12, 0.01, 0.00, 0.46
HSL	184°, 7%, 51%
HSV	184°, 12%, 54%
XYZ	21.4183, 23.7912, 27.5081
YIQ	132.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

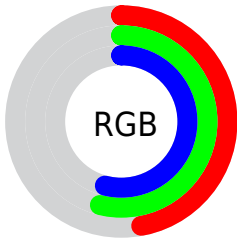
Format	Color
R_{YB}	121, 129, 138
Decimal	7965066
CIE _{Lab}	55.88, -5.55, -2.51
CIE _{LCh}	56, 6.094, 204.284
Yxy	23.7912, 0.2945, 0.3272
Android (android.graphics.Color)	4286155146 (0xFF79898A)
YUV	132.3300, 2.7953, -9.9364
Hunter-Lab	48.7762, -6.9766, 0.7059

Details

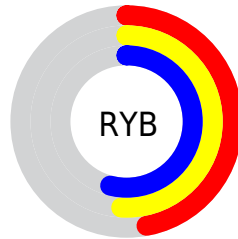
The XYZ color **21.4183, 23.7912, 27.5081** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8923, 20.7030, 20.9847**, and the grayscale version is **22.0446, 23.1926, 25.2568**.

A 20% lighter version of the original color is **45.0510, 49.4727, 56.4650**, and **7.8421, 8.8987, 10.5368** is the 20% darker color. If you saturate the color by 10%, you get **19.5065, 22.6359, 27.3862**, and if you desaturate by 10%, it is **23.6091, 25.0929, 27.6443**.

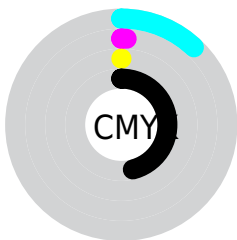
Distribution



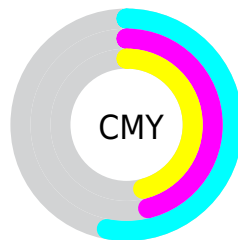
- Red (47%)
- Green (54%)
- Blue (54%)



- Red (47%)
- Yellow (51%)
- Blue (54%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4183, 23.7912, 27.5081 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 21.4183, 23.7912, 27.5081 by changing the saturation by 10% instead.

■ 21.4183, 23.7912,
27.5081

■ 21.4183, 23.7912,
27.5081

252.1831,
271.7632, 303.9465

■ 13.5443, 15.1788,
17.7194

■ 45.2687, 49.6893,
56.7117

■ 7.8840, 8.9450,
10.5814

■ 61.9759, 67.7437,
76.9638

■ 4.0720, 4.7053,
5.6755

■ 82.3581, 89.7143,
101.5406

■ 1.7429, 2.0754,
2.5832

106.7808,
115.9854, 130.8609

■ 0.4829, 0.6507,
0.8838

135.6093,
146.9415, 165.3430

■ 0.0000, 0.0000,
0.0000

169.2089,

182.9668, 205.4057

207.9451,
224.4459, 251.4673

■ 21.4183, 23.7912,
27.5081

■ 21.4183, 23.7912,
27.5081

■ 19.5065, 22.6359,
27.3862

■ 23.6091, 25.0929,
27.6443

■ 17.8598, 21.6179,
27.2765

■ 26.0877, 26.5436,
27.7936

■ 16.4665, 20.7318,
27.1789

■ 28.8652, 28.1498,
27.9573

■ 15.3130, 19.9705,
27.0928

■ 31.9517, 29.9164,
28.1356

■ 14.3845, 19.3266,
27.0174

■ 35.3563, 31.8485,
28.3291

■ 13.6646, 18.7914,
26.9521

■ 39.0883, 33.9505,
28.5381

■ 13.1345, 18.3554,
26.8959

■ 43.1561, 36.2270,
28.7631

■ 12.7722, 18.0072,
26.8477

■ 47.5683, 38.6823,
29.0045

■ 12.5564, 17.7728,
26.8139

■ 52.3328, 41.3206,
29.2626

Harmonies

Analogous

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



21.3110, 23.7912, 25.5259



21.4183, 23.7912, 27.5081



21.8428, 23.7912, 29.1326

Triad

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



21.4183, 23.7912, 27.5081



23.7135, 23.7912, 28.1999



22.7460, 23.7912, 22.2854

Complementary

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



21.4183, 23.7912, 27.5081



20.8923, 20.7030, 20.9847

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.



23.4007, 23.7912, 22.9243



21.4183, 23.7912, 27.5081



23.9666, 23.7912, 26.2870

Square

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



21.4183, 23.7912, 27.5081



23.1660, 23.7912, 29.5461



23.8510, 23.7912, 24.3646



22.0685, 23.7912, 22.5753

Rectangle

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



21.4183, 23.7912, 27.5081



22.2533, 23.7912, 29.7598



23.8510, 23.7912, 24.3646



22.9762, 23.7912, 22.3976

Sweetspot

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



21.4190, 23.7922, 27.5086



40.8958, 43.8058, 48.6831



20.4777, 23.6438, 21.8487



9.1121, 9.7896, 10.9156



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.



21.4190, 23.7922, 27.5086



36.6915, 41.2990, 48.4208



20.2774, 21.5089, 27.1281



5.1481, 5.6392, 6.4230



11.5160, 16.3022, 24.5854



0.0800, 0.1154, 0.1645

Inverse Universe

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



21.8346, 20.8848, 26.5483



37.5873, 35.0630, 46.3439



21.9622, 22.8428, 21.3413



5.2214, 5.1240, 6.2543



13.2995, 6.4299, 19.8795



0.0901, 0.0434, 0.1415

Previews

White Background



This preview shows how the XYZ color 21.4183, 23.7912, 27.5081 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 21.4183, 23.7912, 27.5081 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

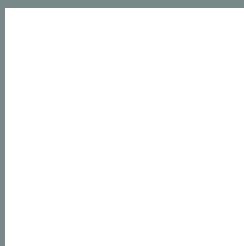
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4183, 23.7912, 27.5081

Background



This preview shows how black text looks on a background with the XYZ color 21.4183, 23.7912, 27.5081.



This preview shows how white text looks on a background with the XYZ color 21.4183, 23.7912,

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

21.4183, 23.7912, 27.5081

Protanopia

22.8231, 23.7035, 26.6649

Deuteranopia

24.1444, 23.7586, 27.7394



Tritanopia

22.1608, 23.8946, 30.6382

Trichromacy



Original Color

21.4183, 23.7912, 27.5081

Protanomaly

22.2464, 23.6022, 27.0501

Deuteranomaly

23.2011, 23.8734, 27.8113

Tritanomaly

21.7881, 23.7291, 29.4184

Monochromacy



Original Color

21.4183, 23.7912, 27.5081

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.7303, 23.3606, 25.9180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4183, 23.7912, 27.5081 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(121, 137, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 137, 138)  
}
```

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(121, 137, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 137, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.4183, 23.7912, 27.5081 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(121, 137, 138) }
```


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

```
.border{ border-color:rgb(121, 137, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 137, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 137, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 137, 138);  
box-shadow:4px 4px 4px 4px rgb(121, 137,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4183, 23.7912, 27.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 137, 138) }
```

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

```
.background{ background-color: rgb(121,  
137, 138) }
```

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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