

Converting Colors

XYZ(19.8963, 21.6412, 27.5396)

Have a look what the booklet for
XYZ(19.8963, 21.6412, 27.5396)
contains.

XYZ(19.8453, 21.5423, 27.5382)	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(19.8453, 21.5423,
27.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	74828B
RGB	116, 130, 139
RGB Percent	45%, 51%, 55%
CMY	0.5451, 0.4902, 0.4549
CMYK	0.17, 0.06, 0.00, 0.45
HSL	203°, 9%, 50%
HSV	203°, 17%, 55%
XYZ	19.8453, 21.5423, 27.5382
YIQ	126.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

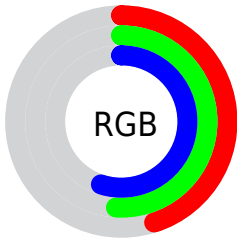
Format	Color
R_{YB}	116, 125, 139
Decimal	7635595
CIE Lab	53.54, -3.11, -6.59
CIE LCh	54, 7.283, 244.752
Yxy	21.5423, 0.2879, 0.3125
Android (android.graphics.Color)	4285825675 (0xFF74828B)
YUV	126.8400, 5.9949, -9.5067
Hunter-Lab	46.4137, -4.9019, -2.6884

Details

The XYZ color **19.8453, 21.5423, 27.5382** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1337, 21.4173, 19.5436**, and the grayscale version is **20.1013, 21.1481, 23.0303**.

A 20% lighter version of the original color is **42.5964, 45.9976, 56.5025**, and **7.1295, 7.8351, 10.5877** is the 20% darker color. If you saturate the color by 10%, you get **17.4299, 19.2520, 27.2238**, and if you desaturate by 10%, it is **22.5768, 24.0534, 27.8793**.

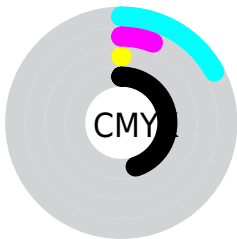
Distribution



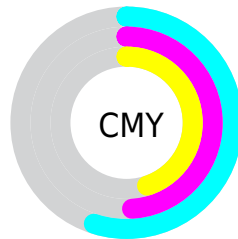
- Red (45%)
- Green (51%)
- Blue (55%)



- Red (45%)
- Yellow (49%)
- Blue (55%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8453, 21.5423, 27.5382 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 19.8453, 21.5423, 27.5382 by changing the saturation by 10% instead.

■ 19.8453, 21.5423,
27.5382

■ 19.8453, 21.5423,
27.5382

243.9260,
260.1466, 304.0958

■ 12.3903, 13.5210,
17.7418

■ 42.6636, 45.9883,
56.7605

■ 7.0841, 7.7883,
10.5973

■ 58.7575, 63.1819,
77.0235

■ 3.5616, 3.9598,
5.6860

■ 78.4618, 84.2016,
101.6125

■ 1.4572, 1.6511,
2.5894

102.1418,
109.4318, 130.9460

■ 0.2964, 0.3917,
0.8870

130.1629,
139.2571, 165.4425

■ 0.0000, 0.0000,
0.0000

162.8904,

174.0617, 205.5207

200.6896,
214.2301, 251.5989

■ 19.8453, 21.5423,
27.5382

■ 19.8453, 21.5423,
27.5382

■ 17.4299, 19.2520,
27.2238

■ 22.5768, 24.0534,
27.8793

■ 15.3157, 17.1723,
26.9338

■ 25.6344, 26.7897,
28.2463

■ 13.4897, 15.2962,
26.6679

■ 29.0302, 29.7588,
28.6404

■ 11.9370, 13.6151,
26.4253

■ 32.7750, 32.9671,
29.0623

■ 10.6412, 12.1196,
26.2049

■ 36.8791, 36.4207,
29.5126

■ 9.5840, 10.7993,
26.0058

■ 41.3524, 40.1254,
29.9919

■ 8.7445, 9.6425,
25.8267

■ 46.2043, 44.0869,
30.5008

■ 8.0879, 8.6302,
25.6659

■ 51.4441, 48.3107,
31.0399

■ 7.8787, 8.3011,
25.6134

■ 57.0805, 52.8021,
31.6098

Harmonies

Analogous

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



19.2734, 21.5423, 25.9777



19.8453, 21.5423, 27.5382



20.5992, 21.5423, 27.9786

Triad

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



19.8453, 21.5423, 27.5382



21.9990, 21.5423, 23.1036



19.6363, 21.5423, 20.1164

Complementary

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



19.8453, 21.5423, 27.5382



21.1337, 21.4173, 19.5436

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.



20.3519, 21.5423, 19.4489



19.8453, 21.5423, 27.5382



21.7262, 21.5423, 21.1028

Square

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



19.8453, 21.5423, 27.5382



21.8551, 21.5423, 25.3267



21.1185, 21.5423, 19.7984



19.1549, 21.5423, 21.6796

Rectangle

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



19.8453, 21.5423, 27.5382



21.1066, 21.5423, 27.5556



21.1185, 21.5423, 19.7984



19.8568, 21.5423, 19.7845

Sweetspot

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



19.8459, 21.5432, 27.5387



41.1811, 43.7541, 50.0179



20.1255, 23.6546, 22.8462



9.4140, 10.0141, 11.5162



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.



19.8459, 21.5432, 27.5387



33.7918, 36.9381, 49.0917



18.4224, 18.6960, 27.0642



5.0113, 5.3655, 6.3774



7.1278, 7.5259, 23.1227



0.0616, 0.0786, 0.1584

Inverse Universe

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



20.9226, 19.5920, 23.7989



36.1330, 32.8174, 40.9326



22.6491, 24.4480, 20.0487



5.1523, 5.0964, 5.8906



11.0846, 5.5440, 8.2157



0.0808, 0.0397, 0.0926

Previews

White Background



This preview shows how the XYZ color 19.8453, 21.5423, 27.5382 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 19.8453, 21.5423, 27.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

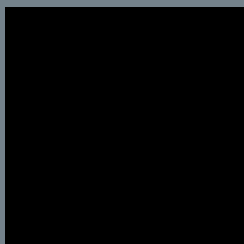
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

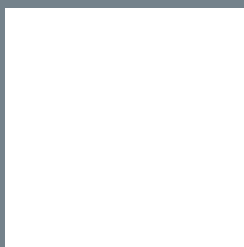
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8453, 21.5423, 27.5382

Background



This preview shows how black text looks on a background with the XYZ color 19.8453, 21.5423, 27.5382.



This preview shows how white text looks on a background with the XYZ color 19.8453, 21.5423,

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

19.8453, 21.5423, 27.5382

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.7728, 21.3771, 27.7896



Tritanopia

19.9187, 21.5717, 27.9249

Trichromacy



Original Color

19.8453, 21.5423, 27.5382

Protanomaly

20.4750, 21.4843, 27.1125

Deuteranomaly

20.9469, 21.3272, 27.8235

Tritanomaly

19.9187, 21.5717, 27.9249

Monochromacy



Original Color

19.8453, 21.5423, 27.5382

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9843, 21.2880, 24.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8453, 21.5423, 27.5382 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(116, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(116, 130, 139)  
}
```

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(116, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.8453, 21.5423, 27.5382 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(116, 130, 139) }
```


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

```
.border{ border-color:rgb(116, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(116, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8453, 21.5423, 27.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 130, 139) }
```

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

```
.background{ background-color: rgb(116,  
130, 139) }
```

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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