

Converting Colors

XYZ(21.1382, 19.2631, 27.8283)

Have a look what the booklet for
XYZ(21.1382, 19.2631, 27.8283)
contains.

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Color

**XYZ(21.1416, 19.2761,
27.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	89728D
RGB	137, 114, 141
RGB Percent	54%, 45%, 55%
CMY	0.4627, 0.5529, 0.4471
CMYK	0.03, 0.19, 0.00, 0.45
HSL	291°, 11%, 50%
HSV	291°, 19%, 55%
XYZ	21.1416, 19.2761, 27.8057
YIQ	123.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

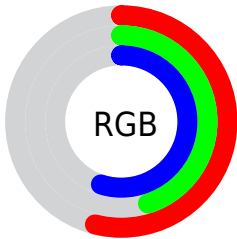
Format	Color
R_{YB}	137, 114, 141
Decimal	9007757
CIE _{Lab}	51.01, 14.12, -11.36
CIE _{LCh}	51, 18.119, 321.189
Yxy	19.2761, 0.3099, 0.2825
Android (android.graphics.Color)	4287197837 (0xFF89728D)
YUV	123.9550, 8.4032, 11.4405
Hunter-Lab	43.9046, 9.1211, -6.8164

Details

The XYZ color **21.1416, 19.2761, 27.8057** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0340, 24.1167, 19.5196**, and the grayscale version is **19.1154, 20.1109, 21.9008**.

A 20% lighter version of the original color is **44.9724, 42.2889, 57.4220**, and **7.7670, 6.6780, 10.7771** is the 20% darker color. If you saturate the color by 10%, you get **19.3332, 16.1625, 27.3003**, and if you desaturate by 10%, it is **23.2029, 22.8851, 28.3940**.

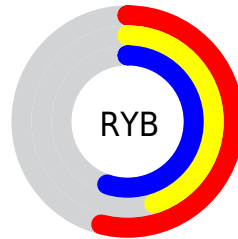
Distribution



Red (54%)

Green (45%)

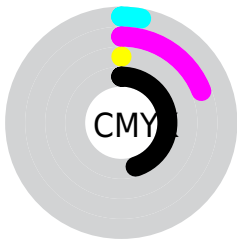
Blue (55%)



Red (54%)

Yellow (45%)

Blue (55%)

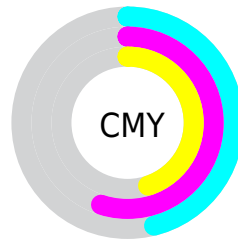


Cyan (3%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1416, 19.2761, 27.8057 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 21.1416, 19.2761, 27.8057 by changing the saturation by 10% instead.

■ 21.1416, 19.2761,
27.8057

■ 21.1416, 19.2761,
27.8057

250.7476,
247.9688, 305.4200

■ 13.3406, 11.8700,
17.9415

■ 44.8126, 42.2001,
57.1934

■ 7.7421, 6.6552,
10.7390

■ 61.4133, 58.4868,
77.5540

■ 3.9808, 3.2474,
5.7796

■ 81.6779, 78.5024,
102.2505

■ 1.6913, 1.2622,
2.6449

■ 105.9718,
102.6314, 131.7014

■ 0.4508, 0.1117,
0.9155

134.6604,
131.2581, 166.3253

■ 0.0000, 0.0000,
0.0000

168.1090,

164.7670, 206.5406

206.6829,
203.5424, 252.7660

■ 21.1416, 19.2761,
27.8057

■ 21.1416, 19.2761,
27.8057

■ 19.3332, 16.1625,
27.3003

■ 23.2029, 22.8851,
28.3940

■ 17.7649, 13.5195,
26.8728

■ 25.5260, 27.0081,
29.0673

■ 16.4250, 11.3237,
26.5196

■ 28.1213, 31.6656,
29.8295

■ 15.3004, 9.5488,
26.2363

■ 30.9983, 36.8763,
30.6837

■ 14.3766, 8.1657,
26.0180

■ 34.1657, 42.6580,
31.6327

■ 13.6371, 7.1418,
25.8594

■ 37.6323, 49.0277,
32.6795

■ 13.0628, 6.4387,
25.7539

■ 41.4060, 56.0018,
33.8267

■ 12.6069, 5.9631,
25.6861

■ 45.4949, 63.5958,
35.0770

■ 12.5691, 5.9242,
25.6806

■ 49.9064, 71.8249,
36.4329

Harmonies

Analogous

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



19.5961, 19.2761, 31.6076



21.1416, 19.2761, 27.8057



21.9443, 19.2761, 22.5375

Triad

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



21.1416, 19.2761, 27.8057



18.8546, 19.2761, 12.6643



15.2908, 19.2761, 24.7638

Complementary

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



21.1416, 19.2761, 27.8057



20.0340, 24.1167, 19.5196

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.



15.1209, 19.2761, 19.5119



21.1416, 19.2761, 27.8057



17.1031, 19.2761, 13.0619

Square

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



21.1416, 19.2761, 27.8057



20.5685, 19.2761, 14.1957



15.7638, 19.2761, 15.3878



16.2442, 19.2761, 29.6617

Rectangle

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



21.1416, 19.2761, 27.8057



21.9162, 19.2761, 19.1299



15.7638, 19.2761, 15.3878



15.1428, 19.2761, 22.9636

Sweetspot

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



21.1422, 19.2769, 27.8061



42.7576, 43.1130, 51.1959



18.2323, 18.4700, 27.8037



9.5005, 9.5417, 11.4204



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.



21.1422, 19.2769, 27.8061



36.3996, 31.9912, 49.3843



21.1365, 19.3518, 24.2905



5.5489, 5.4711, 6.7923



11.4709, 5.4070, 23.4162



0.1235, 0.0588, 0.2245

Inverse Universe

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



20.2725, 19.0062, 19.7405



34.5672, 31.4270, 32.1069



20.0684, 24.0690, 22.4758



5.4394, 5.4363, 5.8120



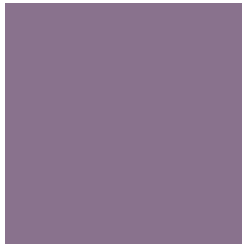
10.1423, 5.2139, 1.1347



0.1020, 0.0518, 0.0372

Previews

White Background



This preview shows how the XYZ color 21.1416, 19.2761, 27.8057 looks on a white background.

Color Contrast Check

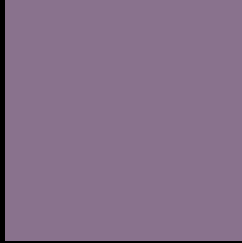
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1416, 19.2761, 27.8057 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 21.1416, 19.2761, 27.8057

Background



This preview shows how black text looks on a background with the XYZ color 21.1416, 19.2761, 27.8057.



This preview shows how white text looks on a background with the XYZ color 21.1416, 19.2761,

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

21.1416, 19.2761, 27.8057

Protanopia

19.1507, 19.4321, 29.5295

Deuteranopia

19.7879, 19.4471, 27.5217



Tritanopia

20.1189, 19.3798, 22.4190

Trichromacy



Original Color

21.1416, 19.2761, 27.8057

Protanomaly

19.8247, 19.2556, 29.0574

Deuteranomaly

20.1482, 19.2832, 27.4710

Tritanomaly

20.4955, 19.3637, 24.1301

Monochromacy



Original Color

21.1416, 19.2761, 27.8057

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.7990, 19.7118, 23.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1416, 19.2761, 27.8057 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(137, 114, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 114, 141)  
}
```

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(137, 114, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 114, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.1416, 19.2761, 27.8057 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(137, 114, 141) }
```


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

```
.border{ border-color:rgb(137, 114, 141) }
```

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

Here you see how a box with a 4 pixel rgb(137, 114, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 114, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 114, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 114,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1416, 19.2761, 27.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 114, 141) }
```

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

```
.background{ background-color: rgb(137,  
114, 141) }
```

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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