

Converting Colors

XYZ(21.6734, 24.1720, 27.1123)

Have a look what the booklet for
XYZ(21.6734, 24.1720, 27.1123)
contains.

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Color

**XYZ(21.6299, 24.1207,
27.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8A89
RGB	122, 138, 137
RGB Percent	48%, 54%, 54%
CMY	0.5216, 0.4588, 0.4627
CMYK	0.12, 0.00, 0.01, 0.46
HSL	176°, 6%, 51%
HSV	176°, 12%, 54%
XYZ	21.6299, 24.1207, 27.1827
YIQ	133.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

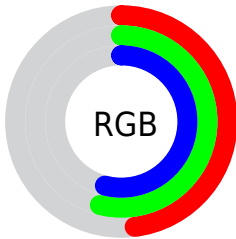
Format	Color
R_{YB}	122, 130, 138
Decimal	8030857
CIE _{Lab}	56.21, -5.98, -1.44
CIE _{LCh}	56, 6.149, 193.505
Yxy	24.1207, 0.2966, 0.3307
Android (android.graphics.Color)	4286220937 (0xFF7A8A89)
YUV	133.1020, 1.9217, -9.7365
Hunter-Lab	49.1128, -7.3338, 1.5635

Details

The XYZ color **21.6299, 24.1207, 27.1827** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0168, 20.7531, 21.6380**, and the grayscale version is **22.3277, 23.4904, 25.5811**.

A 20% lighter version of the original color is **45.6043, 50.0933, 55.9806**, and **7.9577, 9.0840, 10.3508** is the 20% darker color. If you saturate the color by 10%, you get **19.7514, 23.1601, 26.7729**, and if you desaturate by 10%, it is **23.7878, 25.2266, 27.6091**.

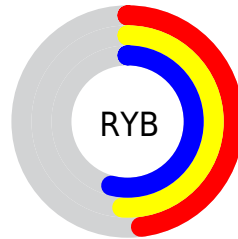
Distribution



Red (48%)

Green (54%)

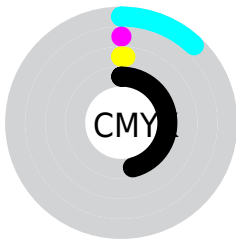
Blue (54%)



Red (48%)

Yellow (51%)

Blue (54%)

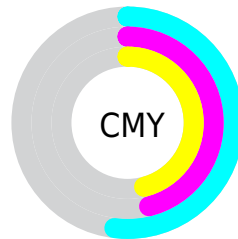


Cyan (12%)

Magenta (0%)

Yellow (1%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6299, 24.1207, 27.1827 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 21.6299, 24.1207, 27.1827 by changing the saturation by 10% instead.

■ 21.6299, 24.1207,
27.1827

■ 21.6299, 24.1207,
27.1827

253.2762,
273.4301, 302.3287

■ 13.7003, 15.4232,
17.4768

■ 45.6170, 50.2271,
56.1842

■ 7.9928, 9.1169,
10.4095

■ 62.4051, 68.4048,
76.3169

■ 4.1421, 4.8175,
5.5622

■ 82.8768, 90.5113,
100.7623

■ 1.7828, 2.1406,
2.5163

107.3975,
116.9310, 129.9390

■ 0.5073, 0.6873,
0.8488

136.3324,
148.0483, 164.2654

■ 0.0000, 0.0000,
0.0000

170.0469,

184.2477, 204.1601

208.9064,
225.9135, 250.0417

■ 21.6299, 24.1207,
27.1827

■ 21.6299, 24.1207,
27.1827

■ 19.7514, 23.1601,
26.7729

■ 23.7878, 25.2266,
27.6091

■ 18.1386, 22.3358,
26.3777

■ 26.2339, 26.4804,
28.0511

■ 16.7798, 21.6422,
25.9969

■ 28.9794, 27.8884,
28.5098

■ 15.6613, 21.0726,
25.6300

■ 32.0340, 29.4558,
28.9855

■ 14.7687, 20.6194,
25.2762

■ 35.4072, 31.1873,
29.4787

■ 14.0855, 20.2740,
24.9348

■ 39.1080, 33.0876,
29.9899

■ 13.5932, 20.0270,
24.6048

■ 43.1449, 35.1612,
30.5194

■ 13.2702, 19.8672,
24.2853

■ 47.5264, 37.4123,
31.0677

■ 13.0755, 19.7725,
24.0224

■ 52.2604, 39.8451,
31.6352

Harmonies

Analogous

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



21.6476, 24.1207, 25.1738



21.6299, 24.1207, 27.1827



21.9544, 24.1207, 29.0346

Triad

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



21.6299, 24.1207, 27.1827



23.8743, 24.1207, 29.1885



23.3140, 24.1207, 22.7057

Complementary

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



21.6299, 24.1207, 27.1827



21.0168, 20.7531, 21.6380

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.



23.9258, 24.1207, 23.6743



21.6299, 24.1207, 27.1827



24.2538, 24.1207, 27.3839

Square

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



21.6299, 24.1207, 27.1827



23.2448, 24.1207, 30.2322



24.2729, 24.1207, 25.3650



22.6101, 24.1207, 22.6580

Rectangle

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



21.6299, 24.1207, 27.1827



22.3251, 24.1207, 29.9026



24.2729, 24.1207, 25.3650



23.5376, 24.1207, 22.9320

Sweetspot

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



21.6306, 24.1217, 27.1832



41.3382, 44.1619, 48.5516



20.7800, 23.7990, 21.9112



9.2059, 9.8714, 10.8772



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.



21.6306, 24.1217, 27.1832



37.1828, 42.0339, 47.7147



20.7395, 22.2239, 27.2425



5.1595, 5.6833, 6.3612



11.9897, 18.1285, 22.0345



0.0815, 0.1212, 0.1564

Inverse Universe

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



21.0168, 20.7531, 21.6380



35.8726, 34.8431, 35.8780



21.8364, 22.4922, 21.6033



5.0448, 5.0533, 5.3241



9.6553, 4.9722, 0.6893



0.0656, 0.0336, 0.0122

Previews

White Background



This preview shows how the XYZ color 21.6299, 24.1207, 27.1827 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 21.6299, 24.1207, 27.1827 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

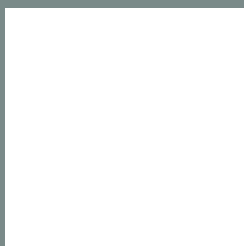
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6299, 24.1207, 27.1827

Background



This preview shows how black text looks on a background with the XYZ color 21.6299, 24.1207, 27.1827.



This preview shows how white text looks on a background with the XYZ color 21.6299, 24.1207,

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

21.6299, 24.1207, 27.1827

Protanopia

23.2148, 24.1178, 26.3533

Deuteranopia

24.4969, 23.9403, 27.7559



Tritanopia

22.3828, 24.0000, 31.0565

Trichromacy



Original Color

21.6299, 24.1207, 27.1827

Protanomaly

22.6236, 24.0111, 26.7348

Deuteranomaly

23.2915, 23.9284, 27.4358

Tritanomaly

22.0720, 24.0854, 29.4722

Monochromacy



Original Color

21.6299, 24.1207, 27.1827

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0203, 23.7163, 25.9714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6299, 24.1207, 27.1827 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(122, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(122, 138, 137)  
}
```

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(122, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.6299, 24.1207, 27.1827 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(122, 138, 137) }
```


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

```
.border{ border-color:rgb(122, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(122, 138,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6299, 24.1207, 27.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 138, 137) }
```

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

```
.background{ background-color: rgb(122,  
138, 137) }
```

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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