

Converting Colors

XYZ(21.0393, 24.3188, 26.3497)

Have a look what the booklet for
XYZ(21.0393, 24.3188, 26.3497)
contains.

XYZ(21.0874, 24.2873, 26.4982)	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(21.0874, 24.2873,
26.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	758C87
RGB	117, 140, 135
RGB Percent	46%, 55%, 53%
CMY	0.5412, 0.4510, 0.4706
CMYK	0.16, 0.00, 0.04, 0.45
HSL	167°, 9%, 50%
HSV	167°, 16%, 55%
XYZ	21.0874, 24.2873, 26.4982
YIQ	132.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

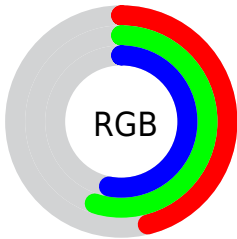
Format	Color
R_{YB}	117, 130, 140
Decimal	7703687
CIE _{Lab}	56.37, -9.27, -0.08
CIE _{LCh}	56, 9.268, 180.519
Yxy	24.2873, 0.2934, 0.3379
Android (android.graphics.Color)	4285893767 (0xFF758C87)
YUV	132.5530, 1.2064, -13.6400
Hunter-Lab	49.2821, -9.8652, 2.6182

Details

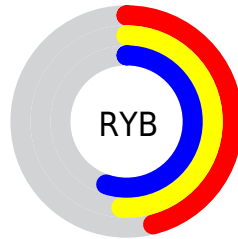
The XYZ color **21.0874, 24.2873, 26.4982** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6902, 19.7039, 21.1262**, and the grayscale version is **22.1314, 23.2840, 25.3563**.

A 20% lighter version of the original color is **44.7311, 50.6494, 54.9957**, and **7.6798, 9.1971, 9.9648** is the 20% darker color. If you saturate the color by 10%, you get **19.1341, 23.3054, 25.3042**, and if you desaturate by 10%, it is **23.3296, 25.4187, 27.7388**.

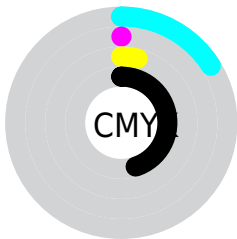
Distribution



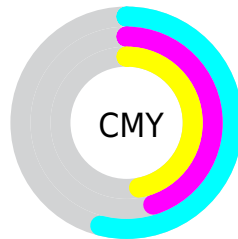
- Red (46%)
- Green (55%)
- Blue (53%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0874, 24.2873, 26.4982 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 21.0874, 24.2873, 26.4982 by changing the saturation by 10% instead.

■ 21.0874, 24.2873,
26.4982

■ 21.0874, 24.2873,
26.4982

250.4655,
274.2698, 298.9021

■ 13.3007, 15.5469,
16.9676

■ 44.7231, 50.4986,
55.0715

■ 7.7144, 9.2041,
10.0497

■ 61.3029, 68.7383,
74.9513

■ 3.9630, 4.8745,
5.3259

■ 81.5444, 90.9132,
99.1179

■ 1.6812, 2.1738,
2.3776

105.8130,
117.4077, 127.9899

■ 0.4445, 0.7057,
0.7742

134.4741,
148.6063, 161.9857

■ 0.0000, 0.0000,
0.0000

167.8929,

184.8932, 201.5240

206.4350,
226.6529, 247.0233

■ 21.0874, 24.2873,
26.4982

■ 21.0874, 24.2873,
26.4982

■ 19.1341, 23.3054,
25.3042

■ 23.3296, 25.4187,
27.7388

■ 17.4550, 22.4635,
24.1543

■ 25.8704, 26.7027,
29.0250

■ 16.0376, 21.7558,
23.0480

■ 28.7214, 28.1459,
30.3583

■ 14.8671, 21.1747,
21.9846

■ 31.8932, 29.7537,
31.7395

■ 13.9276, 20.7120,
20.9629

■ 35.3958, 31.5314,
33.1691

■ 13.2010, 20.3584,
19.9818

■ 39.2387, 33.4837,
34.6479

■ 12.6667, 20.1033,
19.0400

■ 43.4311, 35.6155,
36.1766

■ 12.2909, 19.9292,
18.1358

■ 47.9818, 37.9312,
37.7558

■ 12.1690, 19.8732,
17.8207

■ 52.8994, 40.4353,
39.3862

Harmonies

Analogous

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



21.3391, 24.2873, 23.6495



21.0874, 24.2873, 26.4982



21.3568, 24.2873, 29.5515

Triad

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



21.0874, 24.2873, 26.4982



24.1451, 24.2873, 31.8528



24.1118, 24.2873, 21.6396

Complementary

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



21.0874, 24.2873, 26.4982



20.6902, 19.7039, 21.1262

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.



24.9026, 24.2873, 23.5637



21.0874, 24.2873, 26.4982



24.9222, 24.2873, 29.4520

Square

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



21.0874, 24.2873, 26.4982



23.1030, 24.2873, 32.7857



25.2036, 24.2873, 26.3914



23.0657, 24.2873, 20.9791

Rectangle

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



21.0874, 24.2873, 26.4982



21.8007, 24.2873, 31.2587



25.2036, 24.2873, 26.3914



24.4174, 24.2873, 22.1523

Sweetspot

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



21.0881, 24.2883, 26.4987



41.6917, 45.0964, 49.1982



20.6678, 24.2059, 20.4130



9.5457, 10.3605, 11.3045



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.



21.0881, 24.2883, 26.4987



35.7428, 42.0973, 45.8663



20.5772, 22.6896, 28.1070



5.1271, 5.6703, 6.1901



10.8197, 17.6605, 15.8730



0.0772, 0.1195, 0.1336

Inverse Universe

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



20.6902, 19.7039, 21.1262



34.8949, 32.3222, 34.4129



21.1264, 21.0596, 19.7816



5.0745, 5.0652, 5.4809



9.8296, 5.0419, 1.6068



0.0699, 0.0353, 0.0350

Previews

White Background



This preview shows how the XYZ color 21.0874, 24.2873, 26.4982 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 21.0874, 24.2873, 26.4982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

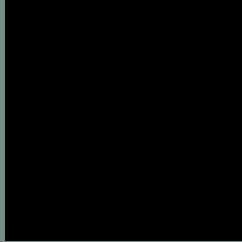
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0874, 24.2873, 26.4982

Background



This preview shows how black text looks on a background with the XYZ color 21.0874, 24.2873, 26.4982.



This preview shows how white text looks on a background with the XYZ color 21.0874, 24.2873,

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

21.0874, 24.2873, 26.4982

Protanopia

23.1712, 24.1194, 25.2641

Deuteranopia

24.6643, 24.2418, 27.0461



Tritanopia

22.2590, 24.3400, 31.9587

Trichromacy



Original Color

21.0874, 24.2873, 26.4982

Protanomaly

22.2437, 24.0476, 25.6596

Deuteranomaly

23.1224, 24.0620, 26.7183

Tritanomaly

21.8744, 24.4008, 29.9425

Monochromacy



Original Color

21.0874, 24.2873, 26.4982

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8596, 23.8416, 26.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0874, 24.2873, 26.4982 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(117, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(117, 140, 135)  
}
```

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(117, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.0874, 24.2873, 26.4982 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(117, 140, 135) }
```


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

```
.border{ border-color:rgb(117, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0874, 24.2873, 26.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 135) }
```

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

```
.background{ background-color: rgb(117,  
140, 135) }
```

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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