

Converting Colors

XYZ(21.2373, 25.9317, 26.8077)

Have a look what the booklet for
XYZ(21.2373, 25.9317, 26.8077)
contains.

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Color

**XYZ(21.2373, 25.9317,
26.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9387
RGB	110, 147, 135
RGB Percent	43%, 58%, 53%
CMY	0.5686, 0.4235, 0.4706
CMYK	0.25, 0.00, 0.08, 0.42
HSL	161°, 15%, 50%
HSV	161°, 25%, 58%
XYZ	21.2373, 25.9317, 26.8077
YIQ	134.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

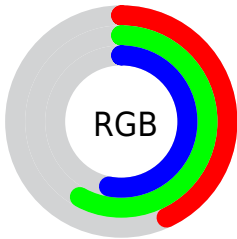
Format	Color
R_{YB}	110, 132, 147
Decimal	7246727
CIE _{Lab}	57.97, -15.44, 2.19
CIE _{LCh}	58, 15.594, 171.939
Yxy	25.9317, 0.2871, 0.3505
Android (android.graphics.Color)	4285436807 (0xFF6E9387)
YUV	134.5690, 0.2125, -21.5470
Hunter-Lab	50.9232, -14.6729, 4.4339

Details

The XYZ color **21.2373, 25.9317, 26.8077** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1223, 18.7607, 20.9213**, and the grayscale version is **22.8742, 24.0655, 26.2073**.

A 20% lighter version of the original color is **44.8640, 53.0855, 55.4589**, and **7.7470, 10.0137, 10.1189** is the 20% darker color. If you saturate the color by 10%, you get **19.2298, 24.9354, 25.0007**, and if you desaturate by 10%, it is **23.5648, 27.0926, 28.7093**.

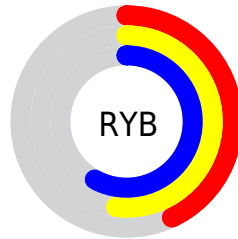
Distribution



Red (43%)

Green (58%)

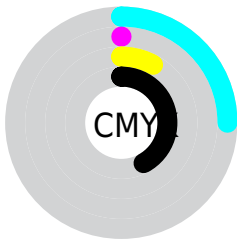
Blue (53%)



Red (43%)

Yellow (52%)

Blue (58%)

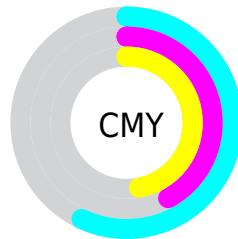


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2373, 25.9317, 26.8077 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 21.2373, 25.9317, 26.8077 by changing the saturation by 10% instead.

■ 21.2373, 25.9317,
26.8077

■ 21.2373, 25.9317,
26.8077

251.2449,
282.4466, 300.4555

■ 13.4110, 16.7726,
17.1977

■ 44.9704, 53.1647,
55.5751

■ 7.7911, 10.0725,
10.2121

■ 61.6080, 72.0074,
75.5696

■ 4.0123, 5.4470,
5.4324

■ 81.9134, 94.8467,
99.8627

■ 1.7091, 2.5119,
2.4400

■ 106.2519,
122.0671, 128.8728

■ 0.4619, 0.8826,
0.8081

134.9890,
154.0529, 163.0187

■ 0.0000, 0.0000,
0.0000

168.4899,

191.1884, 202.7187

207.1201,
233.8582, 248.3915

■ 21.2373, 25.9317,
26.8077

■ 21.2373, 25.9317,
26.8077

■ 19.2298, 24.9354,
25.0007

■ 23.5648, 27.0926,
28.7093

■ 17.5249, 24.0927,
23.2848

■ 26.2241, 28.4221,
30.7053

■ 16.1069, 23.3962,
21.6588

■ 29.2294, 29.9282,
32.7981

■ 14.9578, 22.8367,
20.1208

■ 32.5929, 31.6171,
34.9890

■ 14.0574, 22.4037,
18.6687

■ 36.3268, 33.4952,
37.2797

■ 13.3826, 22.0855,
17.3004

■ 40.4422, 35.5681,
39.6715

■ 12.9027, 21.8661,
16.0134

■ 44.9500, 37.8414,
42.1659

■ 12.7017, 21.7754,
15.4187

■ 49.8606, 40.3204,
44.7643

■ 55.1839, 43.0104,
47.4680

Harmonies

Analogous

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



21.9082, 25.9317, 22.3194



21.2373, 25.9317, 26.8077



21.4427, 25.9317, 32.2842

Triad

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



21.2373, 25.9317, 26.8077



26.0233, 25.9317, 38.9728



26.9446, 25.9317, 20.8405

Complementary

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



21.2373, 25.9317, 26.8077



21.1223, 18.7607, 20.9213

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.



28.1562, 25.9317, 24.5397



21.2373, 25.9317, 26.8077



27.6057, 25.9317, 35.1136

Square

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



21.2373, 25.9317, 26.8077



24.1437, 25.9317, 39.7813



28.4041, 25.9317, 29.7125



25.1579, 25.9317, 19.1720

Rectangle

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



21.2373, 25.9317, 26.8077



22.0540, 25.9317, 35.7382



28.4041, 25.9317, 29.7125



27.4364, 25.9317, 21.8635

Sweetspot

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



21.2380, 25.9328, 26.8083



45.4721, 50.1524, 53.8984



21.3223, 26.1563, 18.6771



10.2251, 11.3711, 12.1885



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.2380, 25.9328, 26.8083



36.0050, 45.4320, 46.2243



21.1980, 24.4232, 31.2019



5.8849, 6.5306, 7.0048



11.0229, 18.8819, 13.4279



0.1485, 0.2365, 0.2357

Inverse Universe

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



21.1223, 18.7607, 20.9213



35.7639, 30.4074, 33.8987



21.1125, 19.8588, 17.4726



5.8737, 5.8446, 6.4412



10.8989, 5.5646, 2.9485



0.1458, 0.0731, 0.1014

Previews

White Background



This preview shows how the XYZ color 21.2373, 25.9317, 26.8077 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 21.2373, 25.9317, 26.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

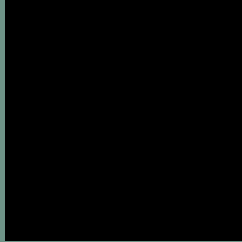
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2373, 25.9317, 26.8077

Background



This preview shows how black text looks on a background with the XYZ color 21.2373, 25.9317, 26.8077.



This preview shows how white text looks on a background with the XYZ color 21.2373, 25.9317,

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

21.2373, 25.9317, 26.8077

Protanopia

24.4454, 25.6283, 24.7774

Deuteranopia

26.2494, 25.6575, 27.6137



Tritanopia

22.9134, 25.9242, 35.2487

Trichromacy



Original Color

21.2373, 25.9317, 26.8077

Protanomaly

23.0498, 25.5410, 25.5448

Deuteranomaly

24.0645, 25.5897, 27.3379

Tritanomaly

22.2807, 25.8996, 31.8418

Monochromacy



Original Color

21.2373, 25.9317, 26.8077

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2100, 24.6501, 26.5090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2373, 25.9317, 26.8077 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(110, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(110, 147, 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(110, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.2373, 25.9317, 26.8077 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(110, 147, 135) }
```


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

```
.border{ border-color:rgb(110, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(110, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2373, 25.9317, 26.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 147, 135) }
```

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

```
.background{ background-color: rgb(110,  
147, 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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