

Converting Colors

XYZ(25.3274, 29.3853, 30.7226)

Have a look what the booklet for
XYZ(25.3274, 29.3853, 30.7226)
contains.

XYZ(25.3274, 29.3853, 30.7226)	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(25.3274, 29.3853,
30.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	809990
RGB	128, 153, 144
RGB Percent	50%, 60%, 56%
CMY	0.4980, 0.4000, 0.4353
CMYK	0.16, 0.00, 0.06, 0.40
HSL	158°, 11%, 55%
HSV	158°, 16%, 60%
XYZ	25.3274, 29.3853, 30.7226
YIQ	144.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

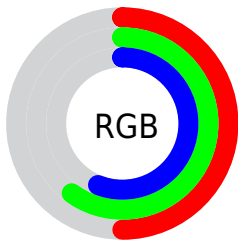
Format	Color
RYB	128, 143, 153
Decimal	8427920
CIELab	61.12, -10.66, 1.79
CIELCh	61, 10.812, 170.484
Yxy	29.3853, 0.2965, 0.3439
Android (android.graphics.Color)	4286618000 (0xFF809990)
YUV	144.4990, -0.2460, -14.4696
Hunter-Lab	54.2082, -11.4648, 4.3430

Details

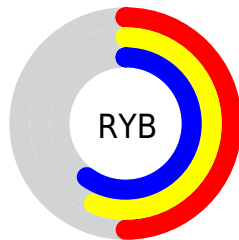
The XYZ color **25.3274, 29.3853, 30.7226** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3725, 24.0176, 26.9669**, and the grayscale version is **26.7157, 28.1070, 30.6086**.

A 20% lighter version of the original color is **51.5619, 58.5266, 62.0052**, and **9.9136, 11.9306, 12.3700** is the 20% darker color. If you saturate the color by 10%, you get **22.7866, 28.1238, 28.4594**, and if you desaturate by 10%, it is **28.2375, 30.8364, 33.1116**.

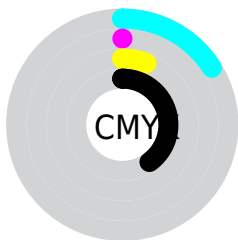
Distribution



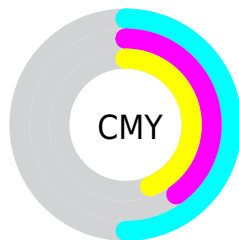
- Red (50%)
- Green (60%)
- Blue (56%)



- Red (50%)
- Yellow (56%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3274, 29.3853, 30.7226 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 25.3274, 29.3853, 30.7226 by changing the saturation by 10% instead.

■ 25.3274, 29.3853,
30.7226

■ 25.3274, 29.3853,
30.7226

271.7822,
299.0286, 319.5698

■ 16.4512, 19.3725,
20.1310

■ 51.6269, 58.6887,
61.8775

■ 9.9368, 11.9397,
12.3053

■ 69.7810, 78.7481,
83.2779

■ 5.4190, 6.7027,
6.8269

■ 91.7583, 102.9251,
109.1184

■ 2.5324, 3.2768,
3.2773

117.9243,
131.6041, 139.8174

■ 0.9116, 1.2779,
1.2379

148.6444,
165.1696, 175.7935

■ 0.0000, 0.1240,
0.0101

184.2838,

■ 0.0000, 0.0000,

204.0059, 217.4652

0.0000

225.2079,
248.4974, 265.2512

■ 25.3274, 29.3853,
30.7226

■ 25.3274, 29.3853,
30.7226

■ 22.7866, 28.1238,
28.4594

■ 28.2375, 30.8364,
33.1116

■ 20.5968, 27.0400,
26.3178

■ 31.5291, 32.4811,
35.6265

■ 18.7419, 26.1266,
24.2962

■ 35.2171, 34.3276,
38.2703

■ 17.2035, 25.3741,
22.3919

■ 39.3148, 36.3829,
41.0449

■ 15.9613, 24.7720,
20.6026

■ 43.8347, 38.6533,
43.9522

■ 14.9926, 24.3088,
18.9255

■ 48.7889, 41.1451,
46.9943

■ 14.2713, 23.9708,
17.3575

■ 54.1890, 43.8642,
50.1730

■ 13.7587, 23.7384,
15.8953

■ 60.0462, 46.8163,
53.4902

■ 13.5923, 23.6638,
15.3849

■ 62.3226, 47.9199,
56.7582

Harmonies

Analogous

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



25.8798, 29.3853, 27.2820



25.3274, 29.3853, 30.7226



25.4539, 29.3853, 34.8054

Triad

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



25.3274, 29.3853, 30.7226



28.8944, 29.3853, 39.8780



29.7000, 29.3853, 26.3443

Complementary

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



25.3274, 29.3853, 30.7226



25.3725, 24.0176, 26.9669

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.



30.5613, 29.3853, 29.3412



25.3274, 29.3853, 30.7226



30.0854, 29.3853, 37.2231

Square

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



25.3274, 29.3853, 30.7226



27.4817, 29.3853, 40.3269



30.7047, 29.3853, 33.3033



28.3828, 29.3853, 24.8989

Rectangle

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



25.3274, 29.3853, 30.7226



25.9079, 29.3853, 37.3351



30.7047, 29.3853, 33.3033



30.0543, 29.3853, 27.1911

Sweetspot

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



25.3282, 29.3865, 30.7233



51.2620, 55.5685, 59.8432



25.6324, 29.6748, 24.7994



11.2396, 12.2303, 13.1514



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.3282, 29.3865, 30.7233



43.4346, 51.6690, 53.3489



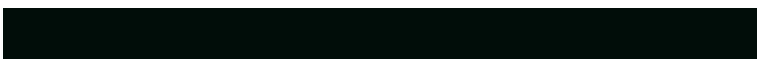
25.5061, 28.5968, 34.3139



6.2901, 6.9888, 7.4512



11.2496, 19.5633, 12.8007



0.1855, 0.2994, 0.2823

Inverse Universe

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



25.3725, 24.0176, 26.9669



43.5312, 40.0003, 45.1869



25.1953, 24.6539, 23.8533



6.2961, 6.2576, 6.9395



11.4439, 5.8318, 3.5968



0.1875, 0.0937, 0.1400

Previews

White Background



This preview shows how the XYZ color 25.3274, 29.3853, 30.7226 looks on a white background.

Color Contrast Check

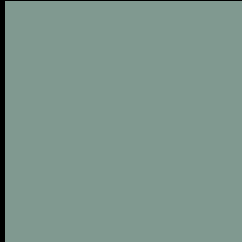
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3274, 29.3853, 30.7226 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 25.3274, 29.3853, 30.7226

Background



This preview shows how black text looks on a background with the XYZ color 25.3274, 29.3853, 30.7226.

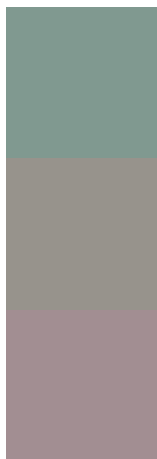


This preview shows how white text looks on a background with the XYZ color 25.3274, 29.3853,

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

25.3274, 29.3853, 30.7226

Protanopia

27.9298, 29.3402, 29.0021

Deuteranopia

29.7616, 29.1027, 31.2429



Tritanopia

26.7880, 29.2466, 38.4157

Trichromacy



Original Color

25.3274, 29.3853, 30.7226

Protanomaly

26.8829, 29.2576, 29.4297

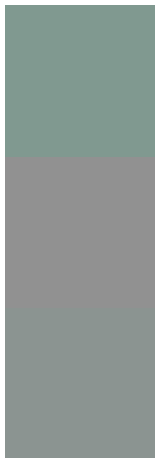
Deuteranomaly

27.9674, 29.0861, 30.9282

Tritanomaly

26.1889, 29.2456, 35.2750

Monochromacy



Original Color

25.3274, 29.3853, 30.7226

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3482, 28.7131, 30.9415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3274, 29.3853, 30.7226 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(128, 153, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 144)  
}
```

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(128, 153, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.3274, 29.3853, 30.7226 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(128, 153, 144) }
```


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

```
.border{ border-color:rgb(128, 153, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 153, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 153, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 153, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 153,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3274, 29.3853, 30.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 144) }
```

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

```
.background{ background-color: rgb(128,  
153, 144) }
```

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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