

Converting Colors

XYZ(22.2515, 29.8737, 30.1586)

Have a look what the booklet for
XYZ(22.2515, 29.8737, 30.1586)
contains.

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Color

**XYZ(22.2434, 29.8224,
30.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA18E
RGB	94, 161, 142
RGB Percent	37%, 63%, 56%
CMY	0.6314, 0.3686, 0.4431
CMYK	0.42, 0.00, 0.12, 0.37
HSL	163°, 26%, 50%
HSV	163°, 42%, 63%
XYZ	22.2434, 29.8224, 30.1751
YIQ	138.8010, -33.8330, -20.1130

Conversions

Conversions Part 2

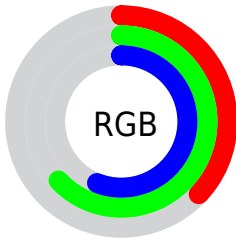
Format	Color
R_{YB}	94, 133, 161
Decimal	6201742
CIE _{Lab}	61.50, -25.93, 3.23
CIE _{LCh}	62, 26.132, 172.906
Yxy	29.8224, 0.2705, 0.3626
Android (android.graphics.Color)	4284391822 (0xFF5EA18E)
YUV	138.8010, 1.5771, -39.2905
Hunter-Lab	54.6099, -22.8617, 5.4658

Details

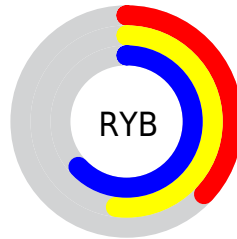
The XYZ color **22.2434, 29.8224, 30.1751** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.6822, 16.7754, 17.7190**, and the grayscale version is **24.4681, 25.7424, 28.0335**.

A 20% lighter version of the original color is **46.5523, 59.3003, 61.2171**, and **8.3149, 12.1814, 12.0382** is the 20% darker color. If you saturate the color by 10%, you get **20.4258, 28.9250, 28.3374**, and if you desaturate by 10%, it is **24.4211, 30.9054, 32.1043**.

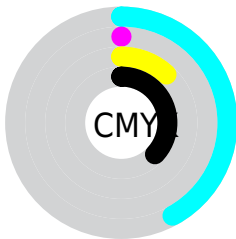
Distribution



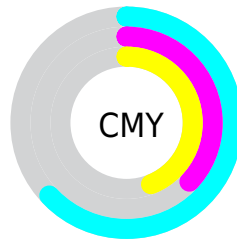
- Red (37%)
- Green (63%)
- Blue (56%)



- Red (37%)
- Yellow (52%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2434, 29.8224, 30.1751 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 22.2434, 29.8224, 30.1751 by changing the saturation by 10% instead.

■ 22.2434, 29.8224,
30.1751

■ 22.2434, 29.8224,
30.1751

256.4233,
301.0757, 316.9525

■ 14.1535, 19.7038,
19.7184

■ 46.6238, 59.3812,
61.0033

■ 8.3099, 12.1799,
12.0084

■ 63.6450, 79.5902,
82.2117

■ 4.3473, 6.8663,
6.6268

■ 84.3740, 103.9315,
107.8412

■ 1.9005, 3.3787,
3.1549

■ 109.1761,
132.7894, 138.3102

■ 0.5771, 1.3325,
1.1743

138.4168,
166.5484, 174.0373

■ 0.0000, 0.1661,
0.0000

172.4613,

■ 0.0000, 0.0000,

205.5929, 215.4410

0.0000

211.6750,
250.3072, 262.9399

■ 22.2434, 29.8224,
30.1751

■ 22.2434, 29.8224,
30.1751

■ 20.4258, 28.9250,
28.3374

■ 24.4211, 30.9054,
32.1043

■ 18.9441, 28.1983,
26.5872

■ 26.9762, 32.1805,
34.1247

■ 17.7749, 27.6312,
24.9233


■ 29.9281, 33.6585,
36.2386


■ 16.8907, 27.2094,
23.3433


■ 33.2938, 35.3482,
38.4478


■ 16.2589, 26.9162,
21.8450


■ 37.0895, 37.2579,
40.7537

 15.8596, 26.7365,
20.6478

 41.3305, 39.3954,
43.1580

 46.0313, 41.7682,
45.6619

 51.2057, 44.3834,
48.2671

 56.8670, 47.2478,
50.9748

Harmonies

Analogous

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



23.3636, 29.8224, 22.2834



22.2434, 29.8224, 30.1751



22.6488, 29.8224, 40.4651

Triad

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



22.2434, 29.8224, 30.1751



31.0140, 29.8224, 53.3711



32.5495, 29.8224, 19.5229

Complementary

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



22.2434, 29.8224, 30.1751



21.6822, 16.7754, 17.7190

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.



34.9249, 29.8224, 25.6067



22.2434, 29.8224, 30.1751



33.9892, 29.8224, 45.3701

Square

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



22.2434, 29.8224, 30.1751



27.5317, 29.8224, 55.2826



35.4720, 29.8224, 34.8816



29.1748, 29.8224, 16.9981

Rectangle

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



22.2434, 29.8224, 30.1751



23.7467, 29.8224, 47.2446



35.4720, 29.8224, 34.8816



33.5022, 29.8224, 21.1520

Sweetspot

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



22.2442, 29.8236, 30.1758



53.2528, 60.1049, 64.6617



21.7186, 29.8832, 15.2134



11.5335, 13.1089, 14.0804



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.2442, 29.8236, 30.1758



36.7802, 51.8990, 50.9654



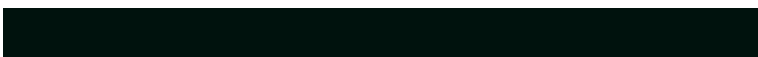
21.5773, 26.0085, 37.6025



7.1900, 7.9768, 8.6125



12.6842, 21.3600, 16.5852



0.2852, 0.4563, 0.4467

Inverse Universe

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



21.6822, 16.7754, 17.7190



35.6458, 25.3085, 25.6340



22.0187, 18.9850, 13.0940



7.1525, 7.1175, 7.7896



12.1430, 6.2132, 2.6774



0.2744, 0.1383, 0.1576

Previews

White Background



This preview shows how the XYZ color 22.2434, 29.8224, 30.1751 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 22.2434, 29.8224, 30.1751 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 22.2434, 29.8224, 30.1751

Background



This preview shows how black text looks on a background with the XYZ color 22.2434, 29.8224, 30.1751.

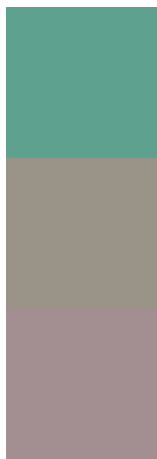


This preview shows how white text looks on a background with the XYZ color 22.2434, 29.8224,

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

22.2434, 29.8224, 30.1751

Protanopia

28.1333, 29.4867, 27.1304

Deuteranopia

30.1150, 29.5068, 31.3023



Tritanopia

24.6795, 29.7829, 42.4781

Trichromacy



Original Color

22.2434, 29.8224, 30.1751

Protanomaly

25.3314, 29.1970, 28.3452

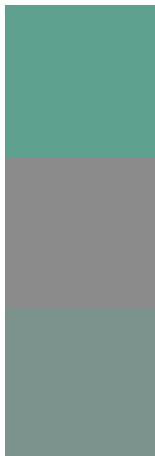
Deuteranomaly

26.4984, 29.2603, 31.0393

Tritanomaly

23.6090, 29.5885, 37.7245

Monochromacy



Original Color

22.2434, 29.8224, 30.1751

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3357, 26.9718, 28.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2434, 29.8224, 30.1751 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(94, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 142)  
}
```

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(94, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 142) }
```

Border

The CSS property to change the border of an element to XYZ 22.2434, 29.8224, 30.1751 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(94, 161, 142) }
```


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

```
.border{ border-color:rgb(94, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2434, 29.8224, 30.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 142) }
```

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

```
.background{ background-color: rgb(94, 161,  
142) }
```

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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