

Converting Colors

XYZ(14.1079, 20.6117, 14.3333)

Have a look what the booklet for
XYZ(14.1079, 20.6117, 14.3333)
contains.

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Color

**XYZ(14.0238, 20.4773,
14.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8A60
RGB	74, 138, 96
RGB Percent	29%, 54%, 38%
CMY	0.7098, 0.4588, 0.6235
CMYK	0.46, 0.00, 0.30, 0.46
HSL	141°, 30%, 42%
HSV	141°, 46%, 54%
XYZ	14.0238, 20.4773, 14.2797
YIQ	114.0760, -24.6620, -26.6300

Conversions

Conversions Part 2

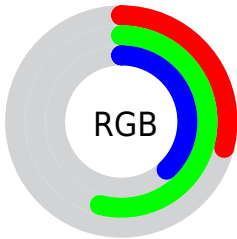
Format	Color
R_{YB}	74, 122, 138
Decimal	4885088
CIE _{Lab}	52.37, -30.50, 16.27
CIE _{LCh}	52, 34.570, 151.923
Yxy	20.4773, 0.2875, 0.4198
Android (android.graphics.Color)	4283075168 (0xFF4A8A60)
YUV	114.0760, -8.9115, -35.1467
Hunter-Lab	45.2519, -23.8726, 12.9667

Details

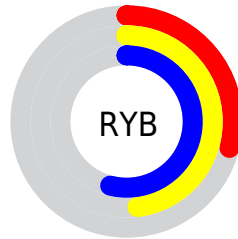
The XYZ color **14.0238, 20.4773, 14.2797** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0830, 11.5622, 17.9077**, and the grayscale version is **16.0486, 16.8844, 18.3871**.

A 20% lighter version of the original color is **32.7203, 44.2415, 34.4187**, and **4.2511, 7.1869, 4.0689** is the 20% darker color. If you saturate the color by 10%, you get **12.6825, 19.8318, 12.1645**, and if you desaturate by 10%, it is **15.6473, 21.2638, 16.6598**.

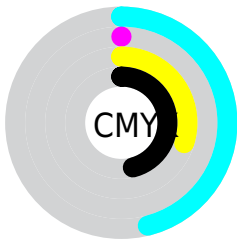
Distribution



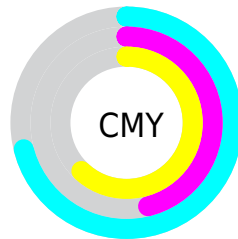
- Red (29%)
- Green (54%)
- Blue (38%)



- Red (29%)
- Yellow (48%)
- Blue (54%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (46%)





- Cyan (71%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0238, 20.4773, 14.2797 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 14.0238, 20.4773, 14.2797 by changing the saturation by 10% instead.


 14.0238, 20.4773,
14.2797


 14.0238, 20.4773,
14.2797


210.8865,
254.4874, 230.4526

 8.2190, 12.7425,
8.1745


 32.7172, 44.2160,
34.3087


 4.2884, 7.2514,
4.1174


 46.3365, 60.9886,
49.0696


 1.8666, 3.6198,
1.6900

 63.2913, 81.5426,
67.5529

 0.5573, 1.4633,
0.3539

 83.9471, 106.2624,
90.1769

 0.0000, 0.2627,
0.0000

 108.6692,
135.5324, 117.3604

 0.0000, 0.0000,
0.0000

137.8228,

169.7370, 149.5218

171.7735,
209.2605, 187.0797

■ 14.0238, 20.4773,
14.2797

■ 14.0238, 20.4773,
14.2797

■ 12.6825, 19.8318,
12.1645

■ 15.6473, 21.2638,
16.6598

■ 11.6048, 19.3164,
10.3036

■ 17.5670, 22.1968,
19.3122

■ 10.7723, 18.9221,
8.6875

■ 19.7979, 23.2842,
22.2458

■ 10.1632, 18.6380,
7.3058

■ 22.3532, 24.5328,
25.4685

■ 9.7428, 18.4465,
6.1466

■ 25.2458, 25.9491,
28.9881

■ 9.6108, 18.3865,
5.7783

■ 28.4874, 27.5389,
32.8120

■ 32.0895, 29.3081,
36.9473

■ 36.0628, 31.2620,
41.4008

■ 40.4178, 33.4058,
46.1793

Harmonies

Analogous

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



16.0614, 20.4773, 9.4476



14.0238, 20.4773, 14.2797



13.3889, 20.4773, 22.9610

Triad

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



14.0238, 20.4773, 14.2797



19.6938, 20.4773, 48.2080



25.8744, 20.4773, 13.4493

Complementary

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



14.0238, 20.4773, 14.2797



16.0830, 11.5622, 17.9077

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.



27.1423, 20.4773, 21.6446



14.0238, 20.4773, 14.2797



23.3140, 20.4773, 43.4330

Square

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



14.0238, 20.4773, 14.2797



16.4141, 20.4773, 44.4677



26.1532, 20.4773, 32.8614



22.8679, 20.4773, 9.0811

Rectangle

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



14.0238, 20.4773, 14.2797



13.7755, 20.4773, 30.4510



26.1532, 20.4773, 32.8614



26.5335, 20.4773, 15.7453

Sweetspot

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



14.0243, 20.4781, 14.2802



35.7839, 41.4744, 40.3485



17.6166, 22.4311, 9.8799



7.8452, 9.2142, 8.8182



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.



14.0243, 20.4781, 14.2802



22.1814, 34.8728, 21.1556



15.7656, 21.1747, 23.4497



5.0382, 5.6348, 5.7222



8.8178, 16.8597, 5.3312



0.0650, 0.1146, 0.0690

Inverse Universe

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



16.0830, 11.5622, 17.9077



26.2826, 17.0679, 28.3505



14.5570, 10.9518, 9.8720



5.1620, 5.1002, 5.9417



11.3309, 5.6425, 9.5128



0.0822, 0.0402, 0.0995

Previews

White Background



This preview shows how the XYZ color 14.0238, 20.4773, 14.2797 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 14.0238, 20.4773, 14.2797 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 14.0238, 20.4773, 14.2797

Background



This preview shows how black text looks on a background with the XYZ color 14.0238, 20.4773, 14.2797.



This preview shows how white text looks on a background with the XYZ color 14.0238, 20.4773,

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

14.0238, 20.4773, 14.2797

Protanopia

18.8846, 20.2218, 12.5807

Deuteranopia

20.5741, 20.1335, 14.8584



Tritanopia

16.9555, 20.4170, 29.0338

Trichromacy



Original Color

14.0238, 20.4773, 14.2797

Protanomaly

16.4641, 19.9180, 13.1020

Deuteranomaly

17.3207, 19.7445, 14.7025

Tritanomaly

15.6843, 20.3059, 22.8314

Monochromacy



Original Color

14.0238, 20.4773, 14.2797

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.8824, 17.8801, 16.5767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0238, 20.4773, 14.2797 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(74, 138, 96)` looks like.

```
.text, #text, p{  
    color:rgb(74, 138, 96)  
}
```

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(74, 138, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 138, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.0238, 20.4773, 14.2797 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(74, 138, 96) }
```


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

```
.border{ border-color:rgb(74, 138, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 138, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 138, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 138, 96);  
box-shadow:4px 4px 4px 4px rgb(74, 138,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0238, 20.4773, 14.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 138, 96) }
```

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

```
.background{ background-color: rgb(74, 138,  
96) }
```

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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