

Converting Colors

XYZ(14.1830, 20.5909, 17.5296)

Have a look what the booklet for
XYZ(14.1830, 20.5909, 17.5296)
contains.

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Color

**XYZ(14.1100, 20.4530,
17.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	438A6C
RGB	67, 138, 108
RGB Percent	26%, 54%, 42%
CMY	0.7372, 0.4588, 0.5765
CMYK	0.51, 0.00, 0.22, 0.46
HSL	155°, 35%, 40%
HSV	155°, 51%, 54%
XYZ	14.1100, 20.4530, 17.3915
YIQ	113.3510, -32.6860, -24.3820

Conversions

Conversions Part 2

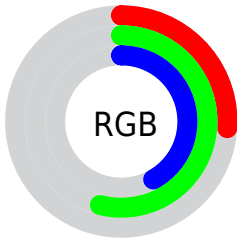
Format	Color
R _{YB}	67, 112, 138
Decimal	4426348
CIE _{Lab}	52.35, -29.84, 9.32
CIE _{LCh}	52, 31.267, 162.653
Y _{xy}	20.4530, 0.2716, 0.3937
Android (android.graphics.Color)	4282616428 (0xFF438A6C)
YUV	113.3510, -2.6380, -40.6498
Hunter-Lab	45.2250, -23.4525, 8.8572

Details

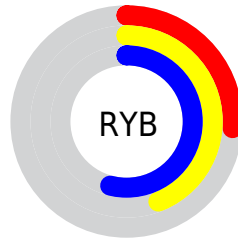
The XYZ color **14.1100, 20.4530, 17.3915** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6467, 10.2811, 12.5225**, and the grayscale version is **15.8154, 16.6390, 18.1199**.

A 20% lighter version of the original color is **32.8534, 44.1955, 39.5999**, and **4.3131, 7.1856, 5.5745** is the 20% darker color. If you saturate the color by 10%, you get **12.9744, 19.9028, 15.7724**, and if you desaturate by 10%, it is **15.4930, 21.1294, 19.1315**.

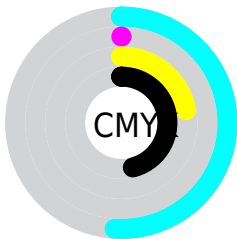
Distribution



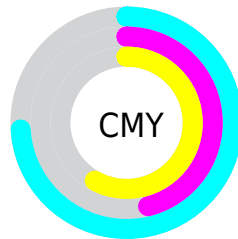
- Red (26%)
- Green (54%)
- Blue (42%)



- Red (26%)
- Yellow (44%)
- Blue (54%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (74%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1100, 20.4530, 17.3915 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 14.1100, 20.4530, 17.3915 by changing the saturation by 10% instead.

■ 14.1100, 20.4530,
17.3915

■ 14.1100, 20.4530,
17.3915

211.4110,
254.3570, 249.5384

■ 8.2794, 12.7248,
10.3491

■ 32.8687, 44.1754,
39.7975

■ 4.3276, 7.2393,
5.5224

■ 46.5276, 60.9383,
55.9982

■ 1.8891, 3.6122,
2.4929

■ 63.5266, 81.4816,
76.0888

■ 0.5705, 1.4591,
0.8364

■ 84.2310, 106.1896,
100.4878

■ 0.0000, 0.2597,
0.0000

■ 109.0064,
135.4468, 129.6137

■ 0.0000, 0.0000,
0.0000

138.2179,

169.6375, 163.8850

172.2310,
209.1461, 203.7204

■ 14.1100, 20.4530,
17.3915

■ 14.1100, 20.4530,
17.3915

■ 12.9744, 19.9028,
15.7724

■ 15.4930, 21.1294,
19.1315

■ 12.0678, 19.4677,
14.2698

■ 17.1367, 21.9373,
20.9936

■ 11.3719, 19.1390,
12.8813

■ 19.0557, 22.8845,
22.9811

■ 10.8646, 18.9052,
11.6034

■ 21.2625, 23.9777,
25.0964

■ 10.5254, 18.7524,
10.5943

■ 23.7694, 25.2229,
27.3420

■ 26.5875, 26.6260,
29.7203

■ 29.7275, 28.1923,
32.2335

■ 33.1996, 29.9272,
34.8839

■ 37.0136, 31.8356,
37.6737

Harmonies

Analogous

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



15.5404, 20.4530, 11.6108



14.1100, 20.4530, 17.3915



14.0043, 20.4530, 26.3831

Triad

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



14.1100, 20.4530, 17.3915



20.8276, 20.4530, 44.4311



24.3570, 20.4530, 12.2886

Complementary

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



14.1100, 20.4530, 17.3915



14.6467, 10.2811, 12.5225

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.



26.1265, 20.4530, 18.6080



14.1100, 20.4530, 17.3915



23.9428, 20.4530, 38.0175

Square

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



14.1100, 20.4530, 17.3915



17.6522, 20.4530, 43.8382



25.9671, 20.4530, 27.9845



21.3445, 20.4530, 9.2727

Rectangle

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



14.1100, 20.4530, 17.3915



14.6803, 20.4530, 33.2693



25.9671, 20.4530, 27.9845



25.1311, 20.4530, 14.0090

Sweetspot

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



14.1106, 20.4538, 17.3920



35.9098, 41.4859, 42.7645



15.1141, 21.1668, 8.5994



7.8955, 9.2264, 9.4398



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.



14.1106, 20.4538, 17.3920



22.5390, 34.9217, 27.2880



15.3269, 19.8773, 27.0747



5.0849, 5.6535, 5.9683



9.6573, 17.1955, 9.7519



0.0715, 0.1172, 0.1034

Inverse Universe

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



14.6467, 10.2811, 12.5225



23.6031, 14.8664, 17.7228



13.7951, 10.4093, 6.5926



5.1148, 5.0814, 5.6932



10.3244, 5.2399, 4.2125



0.0756, 0.0376, 0.0652

Previews

White Background



This preview shows how the XYZ color 14.1100, 20.4530, 17.3915 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 14.1100, 20.4530, 17.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

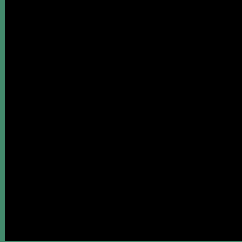
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1100, 20.4530, 17.3915

Background



This preview shows how black text looks on a background with the XYZ color 14.1100, 20.4530, 17.3915.



This preview shows how white text looks on a background with the XYZ color 14.1100, 20.4530,

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

14.1100, 20.4530, 17.3915

Protanopia

19.0723, 20.2604, 15.2174

Deuteranopia

20.6256, 20.2655, 18.1538



Tritanopia

16.4821, 20.3665, 29.4480

Trichromacy



Original Color

14.1100, 20.4530, 17.3915

Protanomaly

16.5333, 19.8881, 16.0641

Deuteranomaly

17.3980, 19.9038, 17.9638

Tritanomaly

15.5084, 20.3831, 24.5897

Monochromacy



Original Color

14.1100, 20.4530, 17.3915

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6526, 17.5536, 17.6548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1100, 20.4530, 17.3915 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(67, 138, 108)` looks like.

```
.text, #text, p{  
    color:rgb(67, 138, 108)  
}
```

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(67, 138, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 138, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.1100, 20.4530, 17.3915 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(67, 138, 108) }
```


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

```
.border{ border-color:rgb(67, 138, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 138, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 138, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 138, 108);  
box-shadow:4px 4px 4px 4px rgb(67, 138,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1100, 20.4530, 17.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 138, 108) }
```

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

```
.background{ background-color: rgb(67, 138,  
108) }
```

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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