

Converting Colors

XYZ(14.8255, 21.4790, 17.1375)

Have a look what the booklet for
XYZ(14.8255, 21.4790, 17.1375)
contains.

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Color

**XYZ(14.8512, 21.4890,
17.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	488D6B
RGB	72, 141, 107
RGB Percent	28%, 55%, 42%
CMY	0.7176, 0.4470, 0.5804
CMYK	0.49, 0.00, 0.24, 0.45
HSL	150°, 32%, 42%
HSV	150°, 49%, 55%
XYZ	14.8512, 21.4890, 17.2750
YIQ	116.4930, -30.2100, -25.2020

Conversions

Conversions Part 2

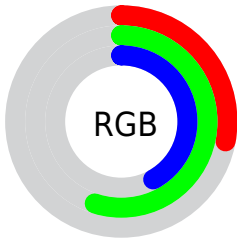
Format	Color
R_{YB}	72, 118, 141
Decimal	4754795
CIE _{Lab}	53.48, -30.18, 11.52
CIE _{LCh}	53, 32.305, 159.104
Yxy	21.4890, 0.2770, 0.4008
Android (android.graphics.Color)	4282944875 (0xFF488D6B)
YUV	116.4930, -4.6800, -39.0204
Hunter-Lab	46.3562, -23.9371, 10.3545

Details

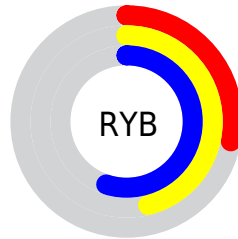
The XYZ color **14.8512, 21.4890, 17.2750** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9041, 11.3385, 14.9867**, and the grayscale version is **16.7730, 17.6465, 19.2170**.

A 20% lighter version of the original color is **34.1441, 45.8588, 39.3998**, and **4.6688, 7.7401, 5.5229** is the 20% darker color. If you saturate the color by 10%, you get **13.5673, 20.8682, 15.3830**, and if you desaturate by 10%, it is **16.4068, 22.2476, 19.3340**.

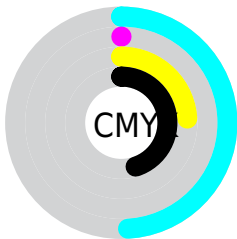
Distribution



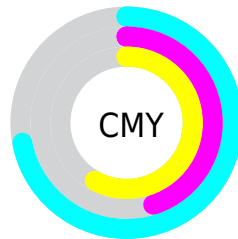
- Red (28%)
- Green (55%)
- Blue (42%)



- Red (28%)
- Yellow (46%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8512, 21.4890, 17.2750 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 14.8512, 21.4890, 17.2750 by changing the saturation by 10% instead.

■ 14.8512, 21.4890,
17.2750

■ 14.8512, 21.4890,
17.2750

215.8701,
259.8660, 248.8496

■ 8.8007, 13.4819,
10.2667

■ 34.1657, 45.9000,
39.5951

■ 4.6675, 7.7612,
5.4683

■ 48.1604, 63.0726,
55.7440

■ 2.0862, 3.9425,
2.4610

■ 65.5339, 84.0693,
75.7769

■ 0.6817, 1.6415,
0.8194

■ 86.6515, 109.2743,
100.1123

■ 0.0000, 0.3853,
0.0000

■ 111.8785,
139.0721, 129.1687

■ 0.0000, 0.0000,
0.0000

141.5804,

173.8470, 163.3647

176.1225,
213.9835, 203.1188

■ 14.8512, 21.4890,
17.2750

■ 14.8512, 21.4890,
17.2750

■ 13.5673, 20.8682,
15.3830

■ 16.4068, 22.2476,
19.3340

■ 12.5359, 20.3738,
13.6522

■ 18.2481, 23.1494,
21.5627

■ 11.7380, 19.9965,
12.0784


■ 20.3902, 24.2027,
23.9658


■ 11.1511, 19.7248,
10.6566


■ 22.8467, 25.4145,
26.5469


■ 10.7223, 19.5315,
9.3804


■ 25.6302, 26.7911,
29.3100

 10.6794, 19.5122,
9.2528

 28.7527, 28.3388,
32.2587

 32.2254, 30.0632,
35.3964

 36.0593, 31.9699,
38.7265

 40.2647, 34.0642,
42.2525

Harmonies

Analogous

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



16.5330, 21.4890, 11.5683



14.8512, 21.4890, 17.2750



14.5688, 21.4890, 26.5227

Triad

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



14.8512, 21.4890, 17.2750



21.4884, 21.4890, 47.5071



25.9949, 21.4890, 13.3742

Complementary

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



14.8512, 21.4890, 17.2750



15.9041, 11.3385, 14.9867

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.



27.6707, 21.4890, 20.5287



14.8512, 21.4890, 17.2750



24.8836, 21.4890, 41.3752

Square

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



14.8512, 21.4890, 17.2750



18.1568, 21.4890, 45.9114



27.2426, 21.4890, 30.8195



22.8739, 21.4890, 9.7948

Rectangle

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



14.8512, 21.4890, 17.2750



15.1769, 21.4890, 33.8655



27.2426, 21.4890, 30.8195



26.7610, 21.4890, 15.3456

Sweetspot

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



14.8518, 21.4899, 17.2755



38.0379, 44.0923, 44.5506



16.6987, 22.6135, 9.6159



8.3200, 9.7614, 9.7630



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.8518, 21.4899, 17.2755



24.0250, 37.2397, 27.1190



17.0058, 22.3515, 28.6183



5.4498, 6.0722, 6.3347



9.7453, 17.7940, 8.4787



0.1043, 0.1746, 0.1396

Inverse Universe

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



15.9041, 11.3385, 14.9867



26.1458, 16.7865, 22.5106



14.4722, 10.7658, 7.4464



5.5127, 5.4656, 6.1979



11.0169, 5.5638, 5.7403



0.1164, 0.0576, 0.1132

Previews

White Background



This preview shows how the XYZ color 14.8512, 21.4890, 17.2750 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 14.8512, 21.4890, 17.2750 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 14.8512, 21.4890, 17.2750

Background



This preview shows how black text looks on a background with the XYZ color 14.8512, 21.4890, 17.2750.



This preview shows how white text looks on a background with the XYZ color 14.8512, 21.4890,

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

14.8512, 21.4890, 17.2750

Protanopia

19.8813, 21.2497, 15.1103

Deuteranopia

21.5058, 21.0865, 17.9755



Tritanopia

17.6379, 21.5539, 30.8345

Trichromacy



Original Color

14.8512, 21.4890, 17.2750

Protanomaly

17.3815, 20.9265, 15.9551

Deuteranomaly

18.1359, 20.6779, 17.7872

Tritanomaly

16.4778, 21.5052, 25.1122

Monochromacy



Original Color

14.8512, 21.4890, 17.2750

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.5698, 18.5688, 18.3863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8512, 21.4890, 17.2750 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(72, 141, 107)` looks like.

```
.text, #text, p{  
    color:rgb(72, 141, 107)  
}
```

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(72, 141, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 141, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.8512, 21.4890, 17.2750 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(72, 141, 107) }
```


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

```
.border{ border-color:rgb(72, 141, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 141, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 141, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 141, 107);  
box-shadow:4px 4px 4px 4px rgb(72, 141,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8512, 21.4890, 17.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 141, 107) }
```

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

```
.background{ background-color: rgb(72, 141,  
107) }
```

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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