

Converting Colors

XYZ(14.8911, 20.8263, 15.8107)

Have a look what the booklet for
XYZ(14.8911, 20.8263, 15.8107)
contains.

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Color

**XYZ(14.9664, 20.9301,
15.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	528A66
RGB	82, 138, 102
RGB Percent	32%, 54%, 40%
CMY	0.6784, 0.4588, 0.6000
CMYK	0.41, 0.00, 0.26, 0.46
HSL	141°, 25%, 43%
HSV	141°, 41%, 54%
XYZ	14.9664, 20.9301, 15.8215
YIQ	117.1520, -21.8200, -23.0680

Conversions

Conversions Part 2

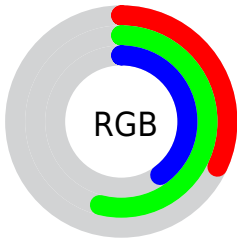
Format	Color
RYB	82, 123, 138
Decimal	5409382
CIELab	52.87, -26.87, 13.60
CIElCh	53, 30.113, 153.150
Yxy	20.9301, 0.2894, 0.4047
Android (android.graphics.Color)	4283599462 (0xFF528A66)
YUV	117.1520, -7.4699, -30.8283
Hunter-Lab	45.7494, -21.6673, 11.5204

Details

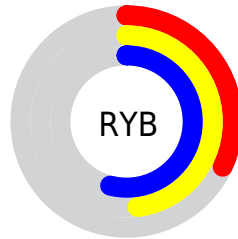
The XYZ color **14.9664, 20.9301, 15.8215** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.7692, 12.7463, 18.7166**, and the grayscale version is **16.9833, 17.8678, 19.4580**.

A 20% lighter version of the original color is **34.4309, 45.0675, 37.0212**, and **4.7750, 7.5624, 4.8224** is the 20% darker color. If you saturate the color by 10%, you get **13.4683, 20.2065, 13.5765**, and if you desaturate by 10%, it is **16.7541, 21.7987, 18.3268**.

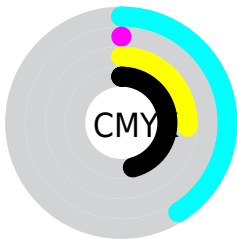
Distribution



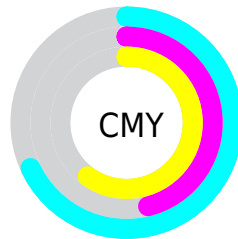
- Red (32%)
- Green (54%)
- Blue (40%)



- Red (32%)
- Yellow (48%)
- Blue (54%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (46%)



- Cyan (68%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9664, 20.9301, 15.8215 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 14.9664, 20.9301, 15.8215 by changing the saturation by 10% instead.

■ 14.9664, 20.9301,
15.8215

■ 14.9664, 20.9301,
15.8215

216.5552,
256.9068, 240.0958

■ 8.8820, 13.0729,
9.2449

■ 34.3664, 44.9712,
37.0505

■ 4.7208, 7.4788,
4.8023

■ 48.4126, 61.9239,
52.5400

■ 2.1174, 3.7633,
2.0750

■ 65.8435, 82.6772,
71.8377

■ 0.6987, 1.5420,
0.6009

■ 87.0244, 107.6155,
95.3619

■ 0.0000, 0.3180,
0.0000

■ 112.3207,
137.1232, 123.5313

■ 0.0000, 0.0000,
0.0000

142.0976,

171.5847, 156.7643

176.7207,
211.3845, 195.4797

■ 14.9664, 20.9301,
15.8215

■ 14.9664, 20.9301,
15.8215

■ 13.4683, 20.2065,
13.5765

■ 16.7541, 21.7987,
18.3268

■ 12.2421, 19.6173,
11.5819

■ 18.8445, 22.8171,
21.0991

■ 11.2707, 19.1543,
9.8293


■ 21.2518, 23.9932,
24.1464


■ 10.5342, 18.8075,
8.3092

■ 23.9890, 25.3334,
27.4763


■ 10.0095, 18.5652,
7.0115


■ 27.0681, 26.8438,
31.0957

 9.6493, 18.4019,
5.9809

 30.5007, 28.5302,
35.0115

 34.2977, 30.3982,
39.2304

 38.4696, 32.4530,
43.7586

 43.0265, 34.6997,
48.6025

Harmonies

Analogous

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



16.7633, 20.9301, 11.1376



14.9664, 20.9301, 15.8215



14.4404, 20.9301, 23.7555

Triad

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



14.9664, 20.9301, 15.8215



20.2280, 20.9301, 44.8537



25.4044, 20.9301, 14.5625

Complementary

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



14.9664, 20.9301, 15.8215



16.7692, 12.7463, 18.7166

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.



26.5709, 20.9301, 21.8497



14.9664, 20.9301, 15.8215



23.3909, 20.9301, 40.6048

Square

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



14.9664, 20.9301, 15.8215



17.2826, 20.9301, 42.0213



25.7981, 20.9301, 31.5508



22.7548, 20.9301, 10.5568

Rectangle

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



14.9664, 20.9301, 15.8215



14.8302, 20.9301, 30.3076



25.7981, 20.9301, 31.5508



25.9950, 20.9301, 16.6302

Sweetspot

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



14.9670, 20.9310, 15.8220



36.7073, 41.9231, 41.6259



18.1378, 22.6667, 11.4019



8.1274, 9.3514, 9.2040



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.



14.9670, 20.9310, 15.8220



23.8677, 35.6780, 24.1296



16.5712, 21.5727, 24.2700



5.0408, 5.6358, 5.7361



8.8532, 16.8739, 5.5176



0.0653, 0.1147, 0.0710

Inverse Universe

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



16.7692, 12.7463, 18.7166



27.5062, 19.1272, 29.9541



15.3616, 12.1832, 11.3045



5.1593, 5.0992, 5.9272



11.2592, 5.6138, 9.1352



0.0818, 0.0401, 0.0976

Previews

White Background



This preview shows how the XYZ color 14.9664, 20.9301, 15.8215 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 14.9664, 20.9301, 15.8215 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

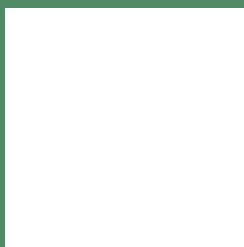
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9664, 20.9301, 15.8215

Background



This preview shows how black text looks on a background with the XYZ color 14.9664, 20.9301, 15.8215.



This preview shows how white text looks on a background with the XYZ color 14.9664, 20.9301,

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

14.9664, 20.9301, 15.8215

Protanopia

19.2765, 20.5801, 14.0227

Deuteranopia

21.1159, 20.7351, 16.5250



Tritanopia

17.6598, 20.9824, 29.1058

Trichromacy



Original Color

14.9664, 20.9301, 15.8215

Protanomaly

17.2575, 20.4919, 14.6010

Deuteranomaly

18.1652, 20.3362, 16.3325

Tritanomaly

16.5848, 20.9612, 23.5939

Monochromacy



Original Color

14.9664, 20.9301, 15.8215

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9672, 18.7801, 18.1126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9664, 20.9301, 15.8215 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(82, 138, 102)` looks like.

```
.text, #text, p{  
    color:rgb(82, 138, 102)  
}
```

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(82, 138, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 138, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.9664, 20.9301, 15.8215 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(82, 138, 102) }
```


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

```
.border{ border-color:rgb(82, 138, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 138, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 138, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 138, 102);  
box-shadow:4px 4px 4px 4px rgb(82, 138,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9664, 20.9301, 15.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 138, 102) }
```

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

```
.background{ background-color: rgb(82, 138,  
102) }
```

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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