

Converting Colors

XYZ(20.7799, 20.9223, 14.6278)

Have a look what the booklet for
XYZ(20.7799, 20.9223, 14.6278)
contains.

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Color

**XYZ(20.8367, 20.9961,
14.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	907B63
RGB	144, 123, 99
RGB Percent	56%, 48%, 39%
CMY	0.4353, 0.5176, 0.6118
CMYK	0.00, 0.15, 0.31, 0.44
HSL	32°, 19%, 48%
HSV	32°, 31%, 56%
XYZ	20.8367, 20.9961, 14.7588
YIQ	126.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

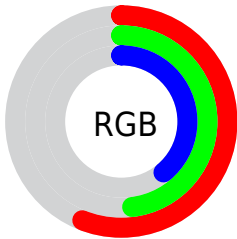
Format	Color
R_YB	138, 144, 99
Decimal	9468771
CIE Lab	52.95, 4.31, 16.13
CIE LCh	53, 16.699, 75.050
Yxy	20.9961, 0.3682, 0.3710
Android (android.graphics.Color)	4287658851 (0xFF907B63)
YUV	126.5430, -13.5787, 15.3098
Hunter-Lab	45.8215, 0.9828, 12.9781

Details

The XYZ color **20.8367, 20.9961, 14.7588** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8959, 18.0986, 28.9885**, and the grayscale version is **20.0568, 21.1014, 22.9794**.

A 20% lighter version of the original color is **44.1237, 44.8677, 35.1889**, and **7.5828, 7.4726, 4.2915** is the 20% darker color. If you saturate the color by 10%, you get **19.4038, 19.1354, 11.1823**, and if you desaturate by 10%, it is **22.4507, 23.0222, 19.0019**.

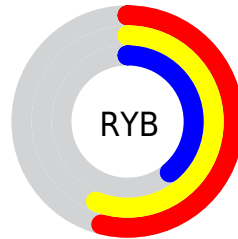
Distribution



Red (56%)

Green (48%)

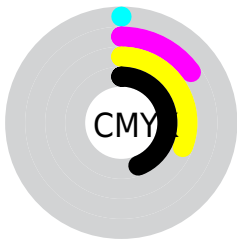
Blue (39%)



Red (54%)

Yellow (56%)

Blue (39%)

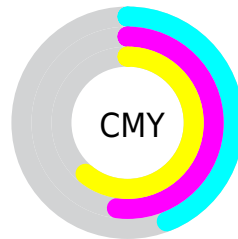


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8367, 20.9961, 14.7588 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 20.8367, 20.9961, 14.7588 by changing the saturation by 10% instead.

■ 20.8367, 20.9961,
14.7588

■ 20.8367, 20.9961,
14.7588

249.1575,
257.2578, 233.4919

■ 13.1165, 13.1212,
8.5055

■ 44.3089, 45.0810,
35.1658

■ 7.5863, 7.5120,
4.3277

■ 60.7916, 62.0598,
50.1566

■ 3.8810, 3.7843,
1.8068

■ 80.9259, 82.8420,
68.8970

■ 1.6350, 1.5537,
0.4324

■ 105.0770,
107.8120, 91.8055

■ 0.4151, 0.3261,
0.0000

133.6104,
137.3542, 119.3008

■ 0.0000, 0.0000,
0.0000

166.8914,

171.8529, 151.8012

205.2853,
211.6927, 189.7254

■ 20.8367, 20.9961,
14.7588

■ 20.8367, 20.9961,
14.7588

■ 19.4038, 19.1354,
11.1823

■ 22.4507, 23.0222,
19.0019

■ 18.1427, 17.4325,
8.2363

■ 24.2513, 25.2156,
23.9424

■ 17.0456, 15.8830,
5.8832

■ 26.2458, 27.5815,
29.6109

■ 16.1035, 14.4814,
4.0811

■ 28.4405, 30.1243,
36.0356

■ 15.3060, 13.2215,
2.7823

■ 30.8416, 32.8479,
43.2434

■ 14.6413, 12.0966,
1.9306

■ 33.4546, 35.7563,
51.2597

■ 14.1423, 11.2106,
1.4185

■ 36.2852, 38.8532,
60.1088

■ 39.3388, 42.1423,
69.8140

■ 42.6203, 45.6271,
80.3976

Harmonies

Analogous

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



22.4285, 20.9961, 16.6979



20.8367, 20.9961, 14.7588



19.0953, 20.9961, 14.7620

Triad

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



20.8367, 20.9961, 14.7588



16.8805, 20.9961, 25.4553



22.4330, 20.9961, 30.3660

Complementary

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



20.8367, 20.9961, 14.7588



16.8959, 18.0986, 28.9885

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.



20.8425, 20.9961, 33.4849



20.8367, 20.9961, 14.7588



17.6725, 20.9961, 30.3803

Square

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



20.8367, 20.9961, 14.7588



16.8791, 20.9961, 20.4646



19.1008, 20.9961, 33.4904



23.3861, 20.9961, 25.4379

Rectangle

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



20.8367, 20.9961, 14.7588



18.0858, 20.9961, 15.8460



19.1008, 20.9961, 33.4904



21.9512, 20.9961, 31.6906

Sweetspot

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



20.8372, 20.9971, 14.7592



43.4716, 45.3108, 44.1862



19.3538, 16.2093, 19.8781



9.8659, 10.2674, 9.8435



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.8372, 20.9971, 14.7592



35.0710, 34.8643, 21.7954



23.4668, 26.6425, 15.7103



5.6321, 5.8704, 5.7256



12.3390, 9.8098, 1.2431



0.1400, 0.1379, 0.0192

Inverse Universe

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



16.8959, 18.0986, 28.9885



27.0646, 28.9777, 50.7048



14.8071, 13.6755, 28.2448



5.3240, 5.6438, 6.8375



6.1646, 5.3151, 23.6781



0.0807, 0.0943, 0.2336

Previews

White Background



This preview shows how the XYZ color 20.8367, 20.9961, 14.7588 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 20.8367, 20.9961, 14.7588 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 20.8367, 20.9961, 14.7588

Background



This preview shows how black text looks on a background with the XYZ color 20.8367, 20.9961, 14.7588.



This preview shows how white text looks on a background with the XYZ color 20.8367, 20.9961,

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

20.8367, 20.9961, 14.7588

Protanopia

19.6413, 20.9296, 15.3165

Deuteranopia

21.3022, 20.8715, 14.7102



Tritanopia

22.5257, 20.9552, 23.2796

Trichromacy



Original Color

20.8367, 20.9961, 14.7588

Protanomaly

20.1151, 20.9906, 15.0480

Deuteranomaly

21.2443, 21.0230, 14.7425

Tritanomaly

21.7814, 20.8283, 19.7019

Monochromacy



Original Color

20.8367, 20.9961, 14.7588

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3446, 21.1926, 19.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8367, 20.9961, 14.7588 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(144, 123, 99)` looks like.

```
.text, #text, p{  
    color:rgb(144, 123, 99)  
}
```

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(144, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 123, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.8367, 20.9961, 14.7588 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(144, 123, 99) }
```


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

```
.border{ border-color:rgb(144, 123, 99) }
```

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

Here you see how a box with a 4 pixel rgb(144, 123, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(144, 123,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8367, 20.9961, 14.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 123, 99) }
```

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

```
.background{ background-color: rgb(144,  
123, 99) }
```

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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