

Converting Colors

XYZ(20.7395, 21.2138, 15.9860)

Have a look what the booklet for
XYZ(20.7395, 21.2138, 15.9860)
contains.

XYZ(20.8168, 21.3294, 16.1165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.8168, 21.3294,
16.1165)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7D68
RGB	141, 125, 104
RGB Percent	55%, 49%, 41%
CMY	0.4471, 0.5098, 0.5922
CMYK	0.00, 0.11, 0.26, 0.45
HSL	34°, 15%, 48%
HSV	34°, 26%, 55%
XYZ	20.8168, 21.3294, 16.1165
YIQ	127.3900, 16.2770, -3.1390

Conversions

Conversions Part 2

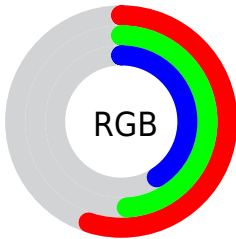
Format	Color
R_{YB}	132, 141, 104
Decimal	9272680
CIE Lab	53.31, 2.65, 13.70
CIE LCh	53, 13.955, 79.062
Yxy	21.3294, 0.3573, 0.3661
Android (android.graphics.Color)	4287462760 (0xFF8D7D68)
YUV	127.3900, -11.5313, 11.9360
Hunter-Lab	46.1838, -0.3648, 11.6385

Details

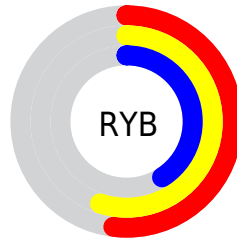
The XYZ color **20.8168, 21.3294, 16.1165** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **17.2330, 18.2986, 27.8231**, and the grayscale version is **20.3419, 21.4013, 23.3060**.

A 20% lighter version of the original color is **44.3425, 45.8094, 37.5154**, and **7.5394, 7.6379, 4.9478** is the 20% darker color. If you saturate the color by 10%, you get **19.4116, 19.5709, 12.4052**, and if you desaturate by 10%, it is **22.3903, 23.2326, 20.4753**.

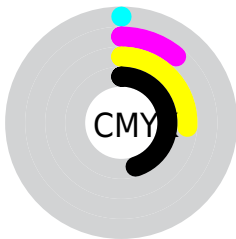
Distribution



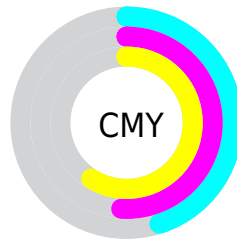
- Red (55%)
- Green (49%)
- Blue (41%)



- Red (52%)
- Yellow (55%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8168, 21.3294, 16.1165 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 20.8168, 21.3294, 16.1165 by changing the saturation by 10% instead.

■ 20.8168, 21.3294,
16.1165

■ 20.8168, 21.3294,
16.1165

249.0535,
259.0239, 241.8973

■ 13.1019, 13.3650,
9.4514

■ 44.2760, 45.6351,
37.5699

■ 7.5762, 7.6804,
4.9359

■ 60.7510, 62.7452,
53.1953

■ 3.8745, 3.8911,
2.1516

■ 80.8767, 83.6726,
72.6446

■ 1.6314, 1.6128,
0.6463

■ 105.0185,
108.8018, 96.3362

■ 0.4127, 0.3662,
0.0000

133.5417,
138.5172, 124.6887

■ 0.0000, 0.0000,
0.0000

166.8117,

173.2030, 158.1208

205.1938,
213.2438, 197.0508

■ 20.8168, 21.3294,
16.1165

■ 20.8168, 21.3294,
16.1165

■ 19.4116, 19.5709,
12.4052

■ 22.3903, 23.2326,
20.4753

■ 18.1662, 17.9499,
9.3085

■ 24.1367, 25.2813,
25.5096

■ 17.0739, 16.4633,
6.7924

■ 26.0627, 27.4802,
31.2476

■ 16.1266, 15.1064,
4.8192

■ 28.1739, 29.8328,
37.7154

■ 15.3155, 13.8740,
3.3466

■ 30.4756, 32.3426,
44.9375

■ 14.6304, 12.7608,
2.3262

■ 32.9732, 35.0127,
52.9377

■ 14.0559, 11.7589,
1.6811

■ 35.6715, 37.8464,
61.7384

■ 13.8560, 11.4057,
1.4712

■ 38.5753, 40.8466,
71.3612

■ 41.6893, 44.0164,
81.8270

Harmonies

Analogous

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



22.1920, 21.3294, 17.6040



20.8168, 21.3294, 16.1165



19.3592, 21.3294, 16.3515

Triad

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



20.8168, 21.3294, 16.1165



17.7046, 21.3294, 25.9840



22.4957, 21.3294, 28.9737

Complementary

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



20.8168, 21.3294, 16.1165



17.2330, 18.2986, 27.8231

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.



21.2150, 21.3294, 31.7943



20.8168, 21.3294, 16.1165



18.4678, 21.3294, 29.9286

Square

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



20.8168, 21.3294, 16.1165



17.6096, 21.3294, 21.7142



19.7387, 21.3294, 32.1636



23.1922, 21.3294, 24.8024

Rectangle

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



20.8168, 21.3294, 16.1165



18.5349, 21.3294, 17.4621



19.7387, 21.3294, 32.1636



22.1165, 21.3294, 30.1318

Sweetspot

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



20.8174, 21.3304, 16.1169



42.5961, 44.5453, 43.8459



19.3272, 16.9205, 20.0274



9.4162, 9.8354, 9.5090



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.



20.8174, 21.3304, 16.1169



35.8785, 36.4587, 25.1171



22.5934, 25.4982, 16.8278



5.6469, 5.9001, 5.7306



12.6500, 10.4317, 1.3468



0.1429, 0.1436, 0.0202

Inverse Universe

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



17.2330, 18.2986, 27.8231



28.4289, 30.1590, 49.4508



15.7577, 14.9168, 27.2481



5.3094, 5.6145, 6.8326



5.9187, 4.8234, 23.5961



0.0778, 0.0886, 0.2327

Previews

White Background



This preview shows how the XYZ color 20.8168, 21.3294, 16.1165 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 20.8168, 21.3294, 16.1165 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 20.8168, 21.3294, 16.1165

Background



This preview shows how black text looks on a background with the XYZ color 20.8168, 21.3294, 16.1165.



This preview shows how white text looks on a background with the XYZ color 20.8168, 21.3294,

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

20.8168, 21.3294, 16.1165

Protanopia

20.1308, 21.3496, 16.4245

Deuteranopia

21.7221, 21.2349, 16.3185



Tritanopia

22.4357, 21.2427, 24.3905

Trichromacy



Original Color

20.8168, 21.3294, 16.1165

Protanomaly

20.3272, 21.2600, 16.3968

Deuteranomaly

21.3098, 21.2056, 16.3345

Tritanomaly

21.7384, 21.1392, 21.0237

Monochromacy



Original Color

20.8168, 21.3294, 16.1165

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3063, 21.1592, 20.4666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8168, 21.3294, 16.1165 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(141, 125, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 125, 104)  
}
```

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(141, 125, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 125, 104) }
```

Border

The CSS property to change the border of an element to XYZ 20.8168, 21.3294, 16.1165 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(141, 125, 104) }
```


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

```
.border{ border-color:rgb(141, 125, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 125, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 125, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 125, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 125,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8168, 21.3294, 16.1165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 125, 104) }
```

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

```
.background{ background-color: rgb(141,  
125, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor