

Converting Colors

XYZ(20.9336, 21.2143, 15.5618)

Have a look what the booklet for
XYZ(20.9336, 21.2143, 15.5618)
contains.

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Color

**XYZ(20.9336, 21.2143,
15.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7C66
RGB	143, 124, 102
RGB Percent	56%, 49%, 40%
CMY	0.4392, 0.5137, 0.6000
CMYK	0.00, 0.13, 0.29, 0.44
HSL	32°, 17%, 48%
HSV	32°, 29%, 56%
XYZ	20.9336, 21.2143, 15.5618
YIQ	127.1730, 18.3860, -2.8140

Conversions

Conversions Part 2

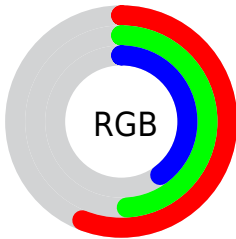
Format	Color
R_{YB}	137, 143, 102
Decimal	9403494
CIE Lab	53.18, 3.75, 14.71
CIE LCh	53, 15.184, 75.706
Yxy	21.2143, 0.3627, 0.3676
Android (android.graphics.Color)	4287593574 (0xFF8F7C66)
YUV	127.1730, -12.4103, 13.8803
Hunter-Lab	46.0590, 0.5242, 12.2092

Details

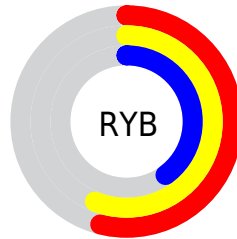
The XYZ color **20.9336, 21.2143, 15.5618** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2745, 18.4820, 28.6435**, and the grayscale version is **20.2696, 21.3252, 23.2232**.

A 20% lighter version of the original color is **44.3011, 45.2209, 36.5306**, and **7.6193, 7.5833, 4.6766** is the 20% darker color. If you saturate the color by 10%, you get **19.4822, 19.3502, 11.8759**, and if you desaturate by 10%, it is **22.5642, 23.2409, 19.9116**.

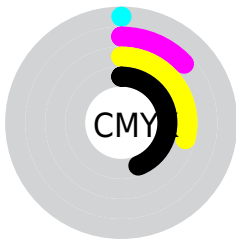
Distribution



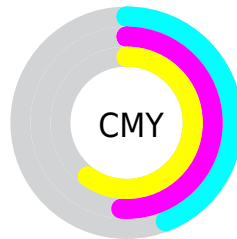
- Red (56%)
- Green (49%)
- Blue (40%)



- Red (54%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (44%)





- Cyan (44%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9336, 21.2143, 15.5618 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 20.9336, 21.2143, 15.5618 by changing the saturation by 10% instead.


 20.9336, 21.2143,
15.5618


 20.9336, 21.2143,
15.5618


249.6638,
258.4152, 238.4987


 13.1877, 13.2807,
9.0636


 44.4691, 45.4439,
36.5919


 7.6358, 7.6221,
4.6853


 60.9894, 62.5088,
51.9609

 3.9126, 3.8541,
2.0084

 81.1652, 83.3862,
71.1240

 1.6528, 1.5923,
0.5604

 105.3618,
108.4605, 94.4996

 0.4265, 0.3524,
0.0000

133.9446,
138.1162, 122.5064

 0.0000, 0.0000,
0.0000

167.2790,

172.7376, 155.5628

205.7302,
212.7091, 194.0874

■ 20.9336, 21.2143,
15.5618

■ 20.9336, 21.2143,
15.5618

■ 19.4822, 19.3502,
11.8759

■ 22.5642, 23.2409,
19.9116

■ 18.2011, 17.6410,
8.8190

■ 24.3794, 25.4315,
24.9550

■ 17.0829, 16.0827,
6.3553

■ 26.3861, 27.7913,
30.7216

■ 16.1187, 14.6700,
4.4446

■ 28.5905, 30.3244,
37.2387

■ 15.2990, 13.3970,
3.0416

■ 30.9984, 33.0348,
44.5323

■ 14.6125, 12.2573,
2.0939

■ 33.6154, 35.9261,
52.6272

■ 14.0359, 11.2394,
1.4842

■ 36.4469, 39.0019,
61.5470

■ 13.9637, 11.1117,
1.4088

■ 39.4981, 42.2659,
71.3142

■ 42.7738, 45.7214,
81.9507

Harmonies

Analogous

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



22.3919, 21.2143, 17.3427



20.9336, 21.2143, 15.5618



19.3412, 21.2143, 15.6051

Triad

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



20.9336, 21.2143, 15.5618



17.3414, 21.2143, 25.5699



22.4495, 21.2143, 29.8227

Complementary

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



20.9336, 21.2143, 15.5618



17.2745, 18.4820, 28.6435

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.



21.0089, 21.2143, 32.6736



20.9336, 21.2143, 15.5618



18.0882, 21.2143, 30.0054

Square

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



20.9336, 21.2143, 15.5618



17.3237, 21.2143, 20.9886



19.4126, 21.2143, 32.7446



23.2980, 21.2143, 25.3458

Rectangle

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



20.9336, 21.2143, 15.5618



18.4188, 21.2143, 16.6507



19.4126, 21.2143, 32.7446



22.0151, 21.2143, 31.0276

Sweetspot

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



20.9342, 21.2153, 15.5622



43.4825, 45.3327, 44.1899



19.5385, 16.7263, 20.3309



9.8688, 10.2731, 9.8444



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.



20.9342, 21.2153, 15.5622



35.8800, 35.9394, 23.7386



23.3133, 26.3226, 16.4227



5.6335, 5.8733, 5.7261



12.3677, 9.8671, 1.2527



0.1403, 0.1385, 0.0193

Inverse Universe

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



17.2745, 18.4820, 28.6435



28.2851, 30.2682, 50.8896



15.3452, 14.3915, 27.9556



5.3226, 5.6410, 6.8371



6.1402, 5.2664, 23.6700



0.0804, 0.0937, 0.2335

Previews

White Background



This preview shows how the XYZ color 20.9336, 21.2143, 15.5618 looks on a white background.

Color Contrast Check

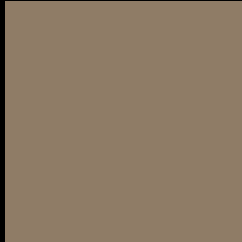
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9336, 21.2143, 15.5618 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

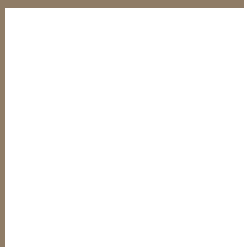
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9336, 21.2143, 15.5618

Background



This preview shows how black text looks on a background with the XYZ color 20.9336, 21.2143, 15.5618.



This preview shows how white text looks on a background with the XYZ color 20.9336, 21.2143,

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

20.9336, 21.2143, 15.5618

Protanopia

20.0292, 21.3089, 15.8893

Deuteranopia

21.5705, 21.1743, 15.5205



Tritanopia

22.5998, 21.1556, 24.0114

Trichromacy



Original Color

20.9336, 21.2143, 15.5618

Protanomaly

20.3903, 21.3043, 15.8694

Deuteranomaly

21.3353, 21.2362, 15.5449

Tritanomaly

21.9046, 21.0506, 20.6780

Monochromacy



Original Color

20.9336, 21.2143, 15.5618

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4037, 21.2163, 20.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9336, 21.2143, 15.5618 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(143, 124, 102)` looks like.

```
.text, #text, p{  
    color:rgb(143, 124, 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(143, 124, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 124, 102) }
```

Border

The CSS property to change the border of an element to XYZ 20.9336, 21.2143, 15.5618 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(143, 124, 102) }
```


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

```
.border{ border-color:rgb(143, 124, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 124, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 124, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 124, 102);  
box-shadow:4px 4px 4px 4px rgb(143, 124,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9336, 21.2143, 15.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 124, 102) }
```

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

```
.background{ background-color: rgb(143,  
124, 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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