

Converting Colors

XYZ(21.5711, 21.1753, 15.5209)

Have a look what the booklet for
XYZ(21.5711, 21.1753, 15.5209)
contains.

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Color

**XYZ(21.5705, 21.1743,
15.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	947A66
RGB	148, 122, 102
RGB Percent	58%, 48%, 40%
CMY	0.4196, 0.5216, 0.6000
CMYK	0.00, 0.18, 0.31, 0.42
HSL	26°, 18%, 49%
HSV	26°, 31%, 58%
XYZ	21.5705, 21.1743, 15.5205
YIQ	127.4940, 21.9160, -0.7080

Conversions

Conversions Part 2

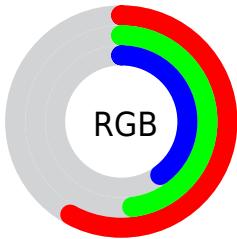
Format	Color
R_{YB}	148, 137, 102
Decimal	9730662
CIE _{Lab}	53.14, 6.97, 14.73
CIE _{LCh}	53, 16.296, 64.686
Yxy	21.1743, 0.3702, 0.3634
Android (android.graphics.Color)	4287920742 (0xFF947A66)
YUV	127.4940, -12.5685, 17.9838
Hunter-Lab	46.0155, 3.1475, 12.2131

Details

The XYZ color **21.5705, 21.1743, 15.5205** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5436, 20.4004, 30.9772**, and the grayscale version is **20.3800, 21.4413, 23.3496**.

A 20% lighter version of the original color is **45.5144, 45.2685, 36.4758**, and **7.8960, 7.5277, 4.6513** is the 20% darker color. If you saturate the color by 10%, you get **19.9180, 18.9409, 11.6661**, and if you desaturate by 10%, it is **23.4436, 23.6389, 20.0955**.

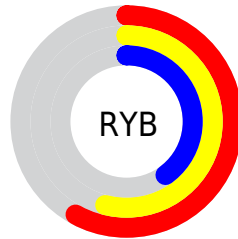
Distribution



Red (58%)

Green (48%)

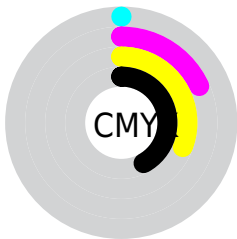
Blue (40%)



Red (58%)

Yellow (54%)

Blue (40%)

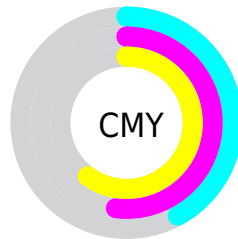


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5705, 21.1743, 15.5205 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 21.5705, 21.1743, 15.5205 by changing the saturation by 10% instead.

■ 21.5705, 21.1743,
15.5205

■ 21.5705, 21.1743,
15.5205

252.9698,
258.2034, 238.2437

■ 13.6565, 13.2515,
9.0348

■ 45.5193, 45.3774,
36.5189

■ 7.9622, 7.6019,
4.6668

■ 62.2847, 62.4265,
51.8687

■ 4.1224, 3.8413,
1.9978

■ 82.7313, 83.2865,
71.0102

■ 1.7716, 1.5852,
0.5539

■ 107.2245,
108.3418, 94.3621

■ 0.5005, 0.3476,
0.0000

136.1296,
137.9767, 122.3429

■ 0.0000, 0.0000,
0.0000

169.8119,

172.5756, 155.3710

208.6369,
212.5231, 193.8651

■ 21.5705, 21.1743,
15.5205

■ 21.5705, 21.1743,
15.5205

■ 19.9180, 18.9409,
11.6661

■ 23.4436, 23.6389,
20.0955

■ 18.4753, 16.9285,
8.4935

■ 25.5442, 26.3387,
25.4244

■ 17.2329, 15.1305,
5.9622

■ 27.8809, 29.2810,
31.5402

■ 16.1800, 13.5386,
4.0268

■ 30.4615, 32.4723,
38.4734

■ 15.3045, 12.1440,
2.6361

■ 33.2933, 35.9185,
46.2529

■ 14.5924, 10.9370,
1.7295

■ 36.3831, 39.6254,
54.9062

■ 14.0664, 10.0034,
1.1895

■ 39.7378, 43.5986,
64.4595

■ 43.3637, 47.8436,
74.9380

■ 47.2670, 52.3655,
86.3657

Harmonies

Analogous

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



22.9643, 21.1743, 18.0821



21.5705, 21.1743, 15.5205



19.8570, 21.1743, 14.8570

Triad

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



21.5705, 21.1743, 15.5205



17.0111, 21.1743, 23.8363



22.0634, 21.1743, 31.7371

Complementary

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



21.5705, 21.1743, 15.5205



18.5436, 20.4004, 30.9772

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.



20.3964, 21.1743, 33.8214



21.5705, 21.1743, 15.5205



17.5309, 21.1743, 28.8655

Square

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



21.5705, 21.1743, 15.5205



17.2861, 21.1743, 19.2439



18.7466, 21.1743, 32.7025



23.2600, 21.1743, 27.3391

Rectangle

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



21.5705, 21.1743, 15.5205



18.7779, 21.1743, 15.4868



18.7466, 21.1743, 32.7025



21.5361, 21.1743, 32.7579

Sweetspot

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



21.5711, 21.1753, 15.5209



45.8228, 47.4269, 46.8028



20.8648, 17.3591, 22.6961



10.3391, 10.6727, 10.3702



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5711, 21.1753, 15.5209



36.0770, 34.6936, 22.7199



24.7262, 27.4856, 16.5727



5.9959, 6.2055, 6.1222



12.0413, 8.5969, 1.0247



0.1758, 0.1621, 0.0220

Inverse Universe

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



18.5436, 20.4004, 30.9772



29.8989, 33.1083, 54.2493



15.8833, 15.0799, 30.0904



5.7551, 6.1441, 7.3523



7.2773, 7.2494, 24.9468



0.1184, 0.1475, 0.3151

Previews

White Background



This preview shows how the XYZ color 21.5705, 21.1743, 15.5205 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 21.5705, 21.1743, 15.5205 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 21.5705, 21.1743, 15.5205

Background



This preview shows how black text looks on a background with the XYZ color 21.5705, 21.1743, 15.5205.



This preview shows how white text looks on a background with the XYZ color 21.5705, 21.1743,

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

21.5705, 21.1743, 15.5205

Protanopia

19.9196, 21.2466, 16.1478

Deuteranopia

21.5705, 21.1743, 15.5205



Tritanopia

23.1372, 21.0947, 23.2743

Trichromacy



Original Color

21.5705, 21.1743, 15.5205

Protanomaly

20.4293, 21.1355, 15.8348

Deuteranomaly

21.5705, 21.1743, 15.5205

Tritanomaly

22.5043, 21.0096, 20.3219

Monochromacy



Original Color

21.5705, 21.1743, 15.5205

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5953, 21.1261, 20.1318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5705, 21.1743, 15.5205 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(148, 122, 102) looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 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(148, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.5705, 21.1743, 15.5205 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(148, 122, 102) }
```


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

```
.border{ border-color:rgb(148, 122, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 122, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5705, 21.1743, 15.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 122, 102) }
```

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

```
.background{ background-color: rgb(148,  
122, 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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