

Converting Colors

XYZ(20.5184, 21.4626, 15.6318)

Have a look what the booklet for
XYZ(20.5184, 21.4626, 15.6318)
contains.

XYZ(20.5066, 21.3700, 15.6144)	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(20.5066, 21.3700,
15.6144)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7E66
RGB	139, 126, 102
RGB Percent	55%, 49%, 40%
CMY	0.4549, 0.5059, 0.6000
CMYK	0.00, 0.09, 0.27, 0.45
HSL	39°, 15%, 47%
HSV	39°, 27%, 55%
XYZ	20.5066, 21.3700, 15.6144
YIQ	127.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

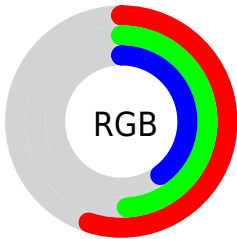
Format	Color
R_{YB}	122, 139, 102
Decimal	9141862
CIE _{Lab}	53.35, 0.95, 14.89
CIE _{LCh}	53, 14.918, 86.334
Yxy	21.3700, 0.3567, 0.3717
Android (android.graphics.Color)	4287331942 (0xFF8B7E66)
YUV	127.1510, -12.3994, 10.3916
Hunter-Lab	46.2277, -1.7159, 12.3329

Details

The XYZ color **20.5066, 21.3700, 15.6144** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2703, 16.9499, 26.8403**, and the grayscale version is **20.2627, 21.3180, 23.2153**.

A 20% lighter version of the original color is **43.8622, 45.8776, 36.6805**, and **7.3680, 7.6583, 4.7043** is the 20% darker color. If you saturate the color by 10%, you get **19.2652, 19.8994, 12.0801**, and if you desaturate by 10%, it is **21.8952, 22.9497, 19.7686**.

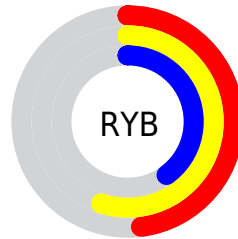
Distribution



Red (55%)

Green (49%)

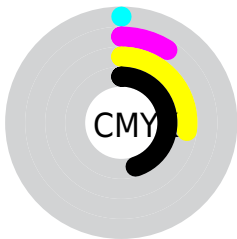
Blue (40%)



Red (48%)

Yellow (55%)

Blue (40%)

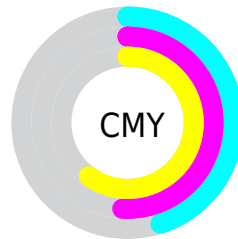


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5066, 21.3700, 15.6144 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 20.5066, 21.3700, 15.6144 by changing the saturation by 10% instead.

■ 20.5066, 21.3700,
15.6144

■ 20.5066, 21.3700,
15.6144

247.4262,
259.2384, 238.8230

■ 12.8742, 13.3947,
9.1003

■ 43.7624, 45.7025,
36.6849

■ 7.4184, 7.7009,
4.7090

■ 60.1166, 62.8285,
52.0784

■ 3.7738, 3.9042,
2.0218

■ 80.1087, 83.7736,
71.2688

■ 1.5750, 1.6201,
0.5686

■ 104.1041,
108.9221, 94.6746

■ 0.3760, 0.3711,
0.0000

132.4682,
138.6584, 122.7144

■ 0.0000, 0.0000,
0.0000

165.5664,

173.3670, 155.8067

203.7639,
213.4322, 194.3701

■ 20.5066, 21.3700,
15.6144

■ 20.5066, 21.3700,
15.6144

■ 19.2652, 19.8994,
12.0801

■ 21.8952, 22.9497,
19.7686

■ 18.1632, 18.5319,
9.1339

■ 23.4351, 24.6387,
24.5698

■ 17.1944, 17.2651,
6.7431

■ 25.1323, 26.4406,
30.0449

■ 16.3515, 16.0953,
4.8713

■ 26.9920, 28.3583,
36.2192

■ 15.6263, 15.0185,
3.4777

■ 29.0191, 30.3944,
43.1163

■ 15.0094, 14.0302,
2.5154

■ 31.2181, 32.5512,
50.7590

■ 14.4853, 13.1233,
1.9046

■ 33.5937, 34.8313,
59.1690

■ 14.3184, 12.8307,
1.7219

■ 36.1501, 37.2369,
68.3670

■ 38.8915, 39.7704,
78.3731

Harmonies

Analogous

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



22.0443, 21.3700, 16.7466



20.5066, 21.3700, 15.6144



18.9922, 21.3700, 16.3034

Triad

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



20.5066, 21.3700, 15.6144



17.7063, 21.3700, 27.3493



22.9490, 21.3700, 28.4377

Complementary

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



20.5066, 21.3700, 15.6144



16.2703, 16.9499, 26.8403

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.



21.6906, 21.3700, 31.9787



20.5066, 21.3700, 15.6144



18.6720, 21.3700, 31.2952

Square

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



20.5066, 21.3700, 15.6144



17.4255, 21.3700, 22.7159



20.1177, 21.3700, 33.0864



23.4999, 21.3700, 23.8296

Rectangle

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



20.5066, 21.3700, 15.6144



18.1903, 21.3700, 17.7583



20.1177, 21.3700, 33.0864



22.5916, 21.3700, 29.8142

Sweetspot

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



20.5072, 21.3710, 15.6148



41.5207, 43.6397, 42.5841



18.5263, 16.2429, 18.5501



9.4775, 9.9580, 9.5295



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.



20.5072, 21.3710, 15.6148



35.3424, 36.6474, 23.9872



21.4732, 24.4985, 16.1676



5.2857, 5.5542, 5.3459



12.9394, 11.6131, 1.5596



0.0998, 0.1047, 0.0150

Inverse Universe

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



16.2703, 16.9499, 26.8403



26.4227, 27.3425, 47.6280



15.4672, 14.4888, 26.4076



4.9090, 5.1610, 6.3433



5.2058, 3.6819, 22.4820



0.0474, 0.0501, 0.1536

Previews

White Background



This preview shows how the XYZ color 20.5066, 21.3700, 15.6144 looks on a white background.

Color Contrast Check

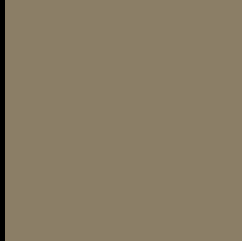
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5066, 21.3700, 15.6144 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

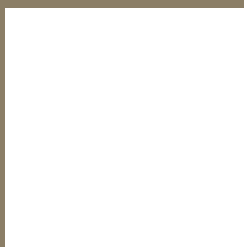
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5066, 21.3700, 15.6144

Background



This preview shows how black text looks on a background with the XYZ color 20.5066, 21.3700, 15.6144.



This preview shows how white text looks on a background with the XYZ color 20.5066, 21.3700,

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

20.5066, 21.3700, 15.6144

Protanopia

20.0292, 21.3089, 15.8893

Deuteranopia

21.6205, 21.1942, 15.7833



Tritanopia

22.3840, 21.3974, 24.4231

Trichromacy



Original Color

20.5066, 21.3700, 15.6144

Protanomaly

20.1909, 21.3923, 15.8969

Deuteranomaly

21.2082, 21.1649, 15.7994

Tritanomaly

21.6285, 21.2728, 20.7354

Monochromacy



Original Color

20.5066, 21.3700, 15.6144

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2195, 21.3120, 20.1875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5066, 21.3700, 15.6144 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(139, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 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(139, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 102) }
```

Border

The CSS property to change the border of an element to XYZ 20.5066, 21.3700, 15.6144 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(139, 126, 102) }
```


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

```
.border{ border-color:rgb(139, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5066, 21.3700, 15.6144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 102) }
```

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

```
.background{ background-color: rgb(139,  
126, 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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