

Converting Colors

XYZ(21.5633, 18.1563, 7.5308)

Have a look what the booklet for
XYZ(21.5633, 18.1563, 7.5308)
contains.

XYZ(21.5595, 18.2008, 7.5311)	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(21.5595, 18.2008,
7.5311)**

Conversions

Conversions Part 1

Format	Color
Hex	A66742
RGB	166, 103, 66
RGB Percent	65%, 40%, 26%
CMY	0.3490, 0.5961, 0.7412
CMYK	0.00, 0.38, 0.60, 0.35
HSL	22°, 43%, 45%
HSV	22°, 60%, 65%
XYZ	21.5595, 18.2008, 7.5311
YIQ	117.6190, 49.4250, 1.8490

Conversions

Conversions Part 2

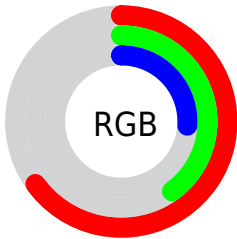
Format	Color
R_{YB}	166, 125, 66
Decimal	10905410
CIE _{Lab}	49.74, 21.58, 31.25
CIE _{LCh}	50, 37.971, 55.374
Yxy	18.2008, 0.4559, 0.3849
Android (android.graphics.Color)	4289095490 (0xFFA66742)
YUV	117.6190, -25.4482, 42.4301
Hunter-Lab	42.6624, 15.5460, 19.3973

Details

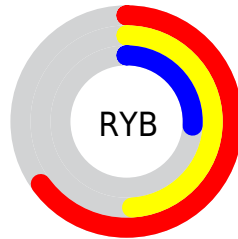
The XYZ color **21.5595, 18.2008, 7.5311** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.9796, 19.6111, 38.9666**, and the grayscale version is **17.1674, 18.0614, 19.6689**.

A 20% lighter version of the original color is **45.5563, 40.5278, 21.6412**, and **7.9320, 6.1015, 1.4691** is the 20% darker color. If you saturate the color by 10%, you get **20.1634, 16.0816, 4.9917**, and if you desaturate by 10%, it is **23.2286, 20.6389, 10.8626**.

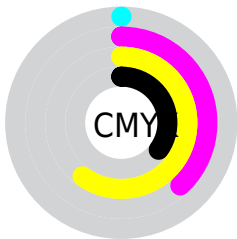
Distribution



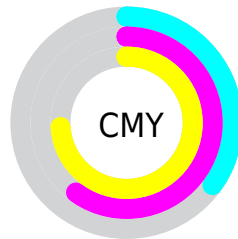
- Red (65%)
- Green (40%)
- Blue (26%)



- Red (65%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5595, 18.2008, 7.5311 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 21.5595, 18.2008, 7.5311 by changing the saturation by 10% instead.

■ 21.5595, 18.2008,
7.5311

■ 21.5595, 18.2008,
7.5311

252.9130,
242.0004, 181.8016

■ 13.6484, 11.0942,
3.7130

■ 45.5012, 40.3792,
21.5647

■ 7.9566, 6.1303,
1.4692

■ 62.2624, 56.2198,
32.6173

■ 4.1187, 2.9245,
0.1949

■ 82.7044, 75.7406,
46.9185

■ 1.7695, 1.0924,
0.0000

■ 107.1925, 99.3259,
64.8867

■ 0.4992, 0.0000,
0.0000

■ 136.0920,
127.3601, 86.9406

■ 0.0000, 0.0000,
0.0000

■ 169.7684,

160.2277, 113.4987

208.5869,
198.3130, 144.9795

■ 21.5595, 18.2008,
7.5311

■ 21.5595, 18.2008,
7.5311

■ 20.1634, 16.0816,
4.9917

■ 23.2286, 20.6389,
10.8626

■ 19.0216, 14.2638,
3.1750

■ 25.1851, 23.4067,
15.0455

■ 18.1145, 12.7323,
2.0010

■ 27.4439, 26.5178,
20.1345

■ 17.4174, 11.4901,
1.2998

■ 30.0183, 29.9840,
26.1794

■ 32.9206, 33.8167,
33.2265

■ 36.1628, 38.0267,
41.3188

■ 39.7559, 42.6242,
50.4970

■ 43.7106, 47.6193,
60.7996

■ 48.0369, 53.0213,
72.2629

Harmonies

Analogous

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



24.3744, 18.2008, 12.4492



21.5595, 18.2008, 7.5311



17.8663, 18.2008, 5.8565

Triad

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



21.5595, 18.2008, 7.5311



11.2521, 18.2008, 18.2543



20.4539, 18.2008, 43.8100

Complementary

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



21.5595, 18.2008, 7.5311



16.9796, 19.6111, 38.9666

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.



16.7445, 18.2008, 47.0367



21.5595, 18.2008, 7.5311



11.7458, 18.2008, 29.6365

Square

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



21.5595, 18.2008, 7.5311



12.1845, 18.2008, 10.5179



13.6409, 18.2008, 41.1402



23.6762, 18.2008, 33.4258

Rectangle

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



21.5595, 18.2008, 7.5311



15.5203, 18.2008, 6.1486



13.6409, 18.2008, 41.1402



19.2094, 18.2008, 45.8933

Sweetspot

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



21.5599, 18.2017, 7.5314



55.4377, 55.6920, 49.8079



21.6588, 13.5974, 22.3684



12.0908, 12.0432, 10.3918



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.5599, 18.2017, 7.5314



35.9051, 28.1073, 7.9041



28.0460, 31.1738, 9.6935



7.7500, 7.9801, 7.9211



13.5480, 8.9932, 1.0218



0.3786, 0.3168, 0.0412

Inverse Universe

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



16.9796, 19.6111, 38.9666



26.7958, 30.7760, 70.0034



11.9500, 9.5518, 37.2901



7.5107, 8.0583, 9.5779



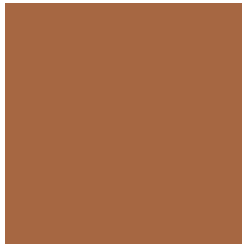
9.2668, 9.9938, 29.4161



0.2719, 0.3360, 0.7312

Previews

White Background



This preview shows how the XYZ color 21.5595, 18.2008, 7.5311 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5595, 18.2008, 7.5311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

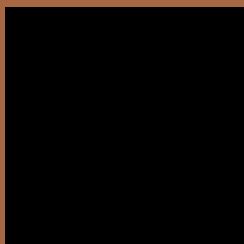
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5595, 18.2008, 7.5311

Background



This preview shows how black text looks on a background with the XYZ color 21.5595, 18.2008, 7.5311.



This preview shows how white text looks on a background with the XYZ color 21.5595, 18.2008,

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

21.5595, 18.2008, 7.5311

Protanopia

16.9724, 18.4074, 8.7893

Deuteranopia

18.5076, 18.2002, 7.3880



Tritanopia

23.2797, 18.1903, 15.6487

Trichromacy



Original Color

21.5595, 18.2008, 7.5311

Protanomaly

18.3383, 18.0921, 8.3199

Deuteranomaly

19.5596, 18.0912, 7.4621

Tritanomaly

22.5939, 18.1945, 12.2186

Monochromacy



Original Color

21.5595, 18.2008, 7.5311

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1489, 17.8620, 14.2955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5595, 18.2008, 7.5311 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(166, 103, 66)` looks like.

```
.text, #text, p{  
    color:rgb(166, 103, 66)  
}
```

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(166, 103, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 103, 66) }
```

Border

The CSS property to change the border of an element to XYZ 21.5595, 18.2008, 7.5311 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(166, 103, 66) }
```


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

```
.border{ border-color:rgb(166, 103, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 103, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 103, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 103, 66);  
box-shadow:4px 4px 4px 4px rgb(166, 103,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5595, 18.2008, 7.5311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 103, 66) }
```

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

```
.background{ background-color: rgb(166,  
103, 66) }
```

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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