

Converting Colors

XYZ(20.7705, 22.1118, 5.6559)

Have a look what the booklet for
XYZ(20.7705, 22.1118, 5.6559)
contains.

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Color

**XYZ(20.7705, 22.1118,
5.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	96802D
RGB	150, 128, 45
RGB Percent	59%, 50%, 18%
CMY	0.4118, 0.4980, 0.8235
CMYK	0.00, 0.15, 0.70, 0.41
HSL	47°, 54%, 38%
HSV	47°, 70%, 59%
XYZ	20.7705, 22.1118, 5.6559
YIQ	125.1160, 39.7550, -21.1490

Conversions

Conversions Part 2

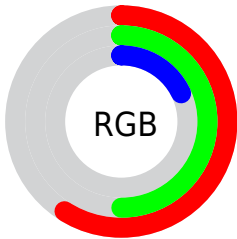
Format	Color
RYB	73, 150, 45
Decimal	9863213
CIELab	54.15, -1.18, 46.32
CIELCh	54, 46.332, 91.465
Yxy	22.1118, 0.4279, 0.4556
Android (android.graphics.Color)	4288053293 (0xFF96802D)
YUV	125.1160, -39.4972, 21.8233
Hunter-Lab	47.0232, -3.4458, 25.7849

Details

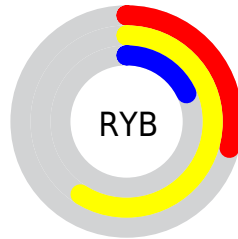
The XYZ color **20.7705, 22.1118, 5.6559** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.5943, 6.7741, 29.7086**, and the grayscale version is **19.6521, 20.6756, 22.5157**.

A 20% lighter version of the original color is **44.3673, 47.1577, 17.8303**, and **7.6199, 8.0788, 1.1577** is the 20% darker color. If you saturate the color by 10%, you get **20.1281, 21.2100, 4.2615**, and if you desaturate by 10%, it is **21.5293, 23.0822, 7.5959**.

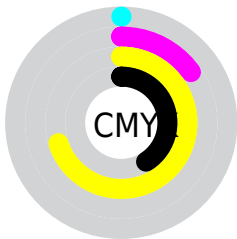
Distribution



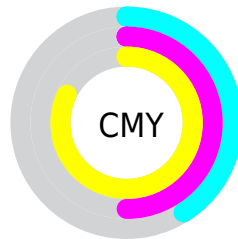
- Red (59%)
- Green (50%)
- Blue (18%)



- Red (29%)
- Yellow (59%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (70%)
- Black (41%)





- Cyan (41%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.7705, 22.1118, 5.6559 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 20.7705, 22.1118, 5.6559 by changing the saturation by 10% instead.


 20.7705, 22.1118,
5.6559


 20.7705, 22.1118,
5.6559


248.8112,
263.1296, 165.1576


 13.0679, 13.9391,
2.5716


 44.1994, 46.9307,
17.6776

 7.5526, 8.0783,
0.8777


 60.6564, 64.3457,
27.4520

 3.8594, 4.1451,
0.0000

 80.7622, 85.6102,
40.2936

 1.6229, 1.7551,
0.0000

 104.8822,
111.1086, 56.6209

 0.4073, 0.4589,
0.0000

 133.3818,
141.2254, 76.8524

 0.0000, 0.0000,
0.0000

 166.6262,

176.3449, 101.4066

204.9809,
216.8515, 130.7022

■ 20.7705, 22.1118,
5.6559

■ 20.7705, 22.1118,
5.6559

■ 20.1281, 21.2100,
4.2615

■ 21.5293, 23.0822,
7.5959

■ 19.5890, 20.3687,
3.3511

■ 22.4127, 24.1221,
10.1318

■ 19.1242, 19.5772,
2.7709

■ 23.4302, 25.2363,
13.3096

■ 19.1241, 19.5771,
2.7708

■ 24.5896, 26.4281,
17.1704

■ 25.8982, 27.7006,
21.7518

■ 27.3626, 29.0566,
27.0889

■ 28.9892, 30.4989,
33.2141

■ 30.7839, 32.0299,
40.1583

■ 32.7524, 33.6520,
47.9505

Harmonies

Analogous

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



25.9780, 22.1118, 7.0305



20.7705, 22.1118, 5.6559



16.3660, 22.1118, 7.3466

Triad

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



20.7705, 22.1118, 5.6559



13.8059, 22.1118, 41.6001



30.6986, 22.1118, 39.8602

Complementary

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



20.7705, 22.1118, 5.6559



8.5943, 6.7741, 29.7086

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.



26.4740, 22.1118, 56.2296



20.7705, 22.1118, 5.6559



16.7309, 22.1118, 57.4844

Square

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



20.7705, 22.1118, 5.6559



12.7621, 22.1118, 24.7905



21.2646, 22.1118, 63.6829



32.2302, 22.1118, 23.3753

Rectangle

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



20.7705, 22.1118, 5.6559



14.3287, 22.1118, 10.6246



21.2646, 22.1118, 63.6829



29.5164, 22.1118, 45.7557

Sweetspot

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



20.7710, 22.1129, 5.6563



45.3614, 48.5589, 37.1632



14.5519, 8.7753, 6.3561



9.9230, 10.6367, 7.7771



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.



20.7710, 22.1129, 5.6563



34.9626, 36.5785, 6.5145



19.1605, 26.0131, 6.4940



6.1634, 6.5405, 6.1781



15.8847, 16.2837, 2.3059



0.2152, 0.2409, 0.0351

Inverse Universe

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



8.5943, 6.7741, 29.7086



12.1771, 7.9709, 51.8180



9.3257, 5.5648, 29.4366



5.5921, 5.8182, 7.2980



5.0014, 2.6975, 24.1881



0.0791, 0.0687, 0.3020

Previews

White Background



This preview shows how the XYZ color 20.7705, 22.1118, 5.6559 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 20.7705, 22.1118, 5.6559 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 20.7705, 22.1118, 5.6559

Background



This preview shows how black text looks on a background with the XYZ color 20.7705, 22.1118, 5.6559.



This preview shows how white text looks on a background with the XYZ color 20.7705, 22.1118,

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

20.7705, 22.1118, 5.6559

Protanopia

20.1528, 22.1823, 5.8042

Deuteranopia

22.4963, 22.0525, 5.7602



Tritanopia

24.3892, 22.0858, 23.7464

Trichromacy



Original Color

20.7705, 22.1118, 5.6559

Protanomaly

20.3760, 22.1008, 5.7767

Deuteranomaly

21.9273, 22.1336, 5.7013

Tritanomaly

22.6140, 21.9178, 14.5939

Monochromacy



Original Color

20.7705, 22.1118, 5.6559

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4037, 20.8346, 14.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7705, 22.1118, 5.6559 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(150, 128, 45)` looks like.

```
.text, #text, p{  
    color:rgb(150, 128, 45)  
}
```

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(150, 128, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 128, 45) }
```

Border

The CSS property to change the border of an element to XYZ 20.7705, 22.1118, 5.6559 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(150, 128, 45) }
```


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

```
.border{ border-color:rgb(150, 128, 45) }
```

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

Here you see how a box with a 4 pixel rgb(150, 128, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 128, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 128, 45);  
box-shadow:4px 4px 4px 4px rgb(150, 128,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7705, 22.1118, 5.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 128, 45) }
```

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

```
.background{ background-color: rgb(150,  
128, 45) }
```

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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