

Converting Colors

XYZ(20.7332, 18.7763, 11.1258)

Have a look what the booklet for
XYZ(20.7332, 18.7763, 11.1258)
contains.

XYZ(20.7332, 18.7763, 11.1258)	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(20.7332, 18.7763,
11.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6E55
RGB	155, 110, 85
RGB Percent	61%, 43%, 33%
CMY	0.3922, 0.5686, 0.6667
CMYK	0.00, 0.29, 0.45, 0.39
HSL	21°, 29%, 47%
HSV	21°, 45%, 61%
XYZ	20.7332, 18.7763, 11.1258
YIQ	120.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

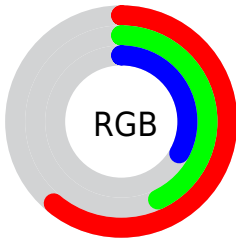
Format	Color
R_{YB}	155, 124, 85
Decimal	10186325
CIE Lab	50.42, 14.67, 21.02
CIE LCh	50, 25.637, 55.086
Yxy	18.7763, 0.4095, 0.3708
Android (android.graphics.Color)	4288376405 (0xFF9B6E55)
YUV	120.6050, -17.5533, 30.1644
Hunter-Lab	43.3316, 9.5778, 15.1089

Details

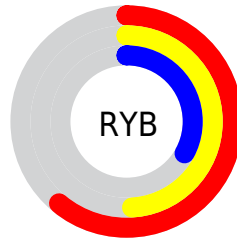
The XYZ color **20.7332, 18.7763, 11.1258** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6450, 20.2624, 33.9913**, and the grayscale version is **18.0939, 19.0362, 20.7304**.

A 20% lighter version of the original color is **44.1575, 41.4388, 28.5928**, and **7.5683, 6.4165, 2.7591** is the 20% darker color. If you saturate the color by 10%, you get **19.1684, 16.5266, 7.8918**, and if you desaturate by 10%, it is **22.5547, 21.3236, 15.1113**.

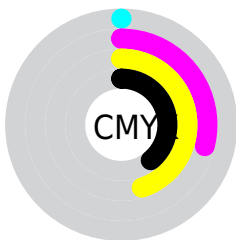
Distribution



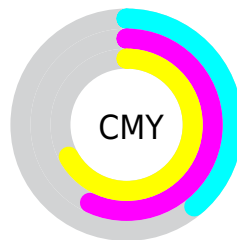
- Red (61%)
- Green (43%)
- Blue (33%)



- Red (61%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7332, 18.7763, 11.1258 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 20.7332, 18.7763, 11.1258 by changing the saturation by 10% instead.

■ 20.7332, 18.7763,
11.1258

■ 20.7332, 18.7763,
11.1258

248.6158,
245.2110, 209.2969

■ 13.0405, 11.5087,
6.0363

■ 44.1377, 41.3558,
28.5328

■ 7.5336, 6.4101,
2.7980

■ 60.5802, 57.4365,
41.6873

■ 3.8473, 3.0960,
0.9924

■ 80.6700, 77.2237,
58.3672

■ 1.6161, 1.1821,
0.0000

■ 104.7724,
101.1017, 78.9911

■ 0.4029, 0.0470,
0.0000

■ 133.2529,
129.4551, 103.9774

■ 0.0000, 0.0000,
0.0000

166.4767,

162.6682, 133.7448

204.8092,
201.1254, 168.7118

■ 20.7332, 18.7763,
11.1258

■ 20.7332, 18.7763,
11.1258

■ 19.1684, 16.5266,
7.8918

■ 22.5547, 21.3236,
15.1113

■ 17.8461, 14.5603,
5.3600

■ 24.6435, 24.1765,
19.8910

■ 16.7525, 12.8657,
3.4768

■ 27.0111, 27.3463,
25.5060

■ 15.8718, 11.4295,
2.1803

■ 29.6678, 30.8427,
31.9938

■ 15.1843, 10.2363,
1.3909

■ 32.6237, 34.6749,
39.3899

■ 14.9011, 9.7357,
1.0938

■ 35.8881, 38.8520,
47.7278

■ 39.4698, 43.3824,
57.0391

■ 43.3775, 48.2745,
67.3540

■ 47.6195, 53.5362,
78.7016

Harmonies

Analogous

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



22.5498, 18.7763, 15.1580



20.7332, 18.7763, 11.1258



18.2601, 18.7763, 9.5890

Triad

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



20.7332, 18.7763, 11.1258



13.4833, 18.7763, 19.2905



19.9570, 18.7763, 35.5704

Complementary

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



20.7332, 18.7763, 11.1258



17.6450, 20.2624, 33.9913

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.



17.4388, 18.7763, 37.4014



20.7332, 18.7763, 11.1258



13.8470, 18.7763, 26.8353

Square

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



20.7332, 18.7763, 11.1258



14.1967, 18.7763, 13.5498



15.2407, 18.7763, 33.8960



22.0732, 18.7763, 29.3523

Rectangle

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



20.7332, 18.7763, 11.1258



16.6274, 18.7763, 9.8464



15.2407, 18.7763, 33.8960



19.1234, 18.7763, 36.7727

Sweetspot

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



20.7337, 18.7772, 11.1262



48.7751, 49.5062, 46.6455



20.8291, 15.0909, 23.1106



10.8343, 10.9324, 10.0628



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.7337, 18.7772, 11.1262



34.3564, 29.6379, 14.1887



25.2065, 27.7228, 12.6171



6.3804, 6.5658, 6.5369



12.0021, 7.8866, 0.8897



0.2117, 0.1825, 0.0241

Inverse Universe

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



17.6450, 20.2624, 33.9913



28.1014, 32.5984, 60.3473



13.8003, 12.5729, 32.7097



6.1989, 6.6551, 7.8868



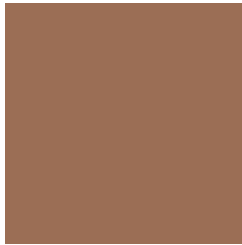
8.4212, 9.2391, 26.2472



0.1600, 0.2063, 0.4038

Previews

White Background



This preview shows how the XYZ color 20.7332, 18.7763, 11.1258 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 20.7332, 18.7763, 11.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

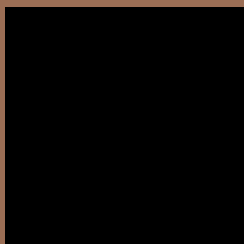
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7332, 18.7763, 11.1258

Background



This preview shows how black text looks on a background with the XYZ color 20.7332, 18.7763, 11.1258.



This preview shows how white text looks on a background with the XYZ color 20.7332, 18.7763,

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

20.7332, 18.7763, 11.1258

Protanopia

17.5729, 18.8213, 12.1579

Deuteranopia

19.0587, 18.7412, 11.0004



Tritanopia

22.2918, 18.7921, 18.3719

Trichromacy



Original Color

20.7332, 18.7763, 11.1258

Protanomaly

18.4881, 18.5986, 11.8480

Deuteranomaly

19.5380, 18.6534, 10.9582

Tritanomaly

21.6105, 18.6628, 15.2952

Monochromacy



Original Color

20.7332, 18.7763, 11.1258

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.7409, 18.7918, 16.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7332, 18.7763, 11.1258 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(155, 110, 85)` looks like.

```
.text, #text, p{  
    color:rgb(155, 110, 85)  
}
```

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(155, 110, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 110, 85) }
```

Border

The CSS property to change the border of an element to XYZ 20.7332, 18.7763, 11.1258 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(155, 110, 85) }
```


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

```
.border{ border-color:rgb(155, 110, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 110, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 110, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 110, 85);  
box-shadow:4px 4px 4px 4px rgb(155, 110,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7332, 18.7763, 11.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 110, 85) }
```

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

```
.background{ background-color: rgb(155,  
110, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor