

Converting Colors

XYZ(20.6336, 20.7051, 11.0042)

Have a look what the booklet for
XYZ(20.6336, 20.7051, 11.0042)
contains.

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Color

**XYZ(20.7336, 20.8395,
11.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	947A53
RGB	148, 122, 83
RGB Percent	58%, 48%, 33%
CMY	0.4196, 0.5216, 0.6745
CMYK	0.00, 0.18, 0.44, 0.42
HSL	36°, 28%, 45%
HSV	36°, 44%, 58%
XYZ	20.7336, 20.8395, 11.1133
YIQ	125.3280, 28.0150, -6.6170

Conversions

Conversions Part 2

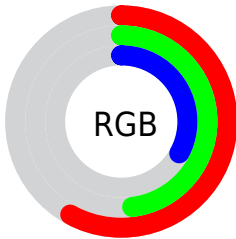
Format	Color
R_{YB}	126, 148, 83
Decimal	9730643
CIE _{Lab}	52.77, 4.55, 25.11
CIE _{LCh}	53, 25.517, 79.727
Yxy	20.8395, 0.3935, 0.3955
Android (android.graphics.Color)	4287920723 (0xFF947A53)
YUV	125.3280, -20.8677, 19.8833
Hunter-Lab	45.6503, 1.1837, 17.5214

Details

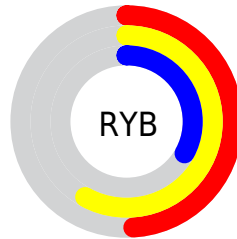
The XYZ color **20.7336, 20.8395, 11.1133** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.3810, 14.9139, 30.1376**, and the grayscale version is **19.6656, 20.6898, 22.5312**.

A 20% lighter version of the original color is **43.9983, 44.6621, 28.4920**, and **7.6066, 7.5179, 2.8005** is the 20% darker color. If you saturate the color by 10%, you get **19.5174, 19.2260, 8.1835**, and if you desaturate by 10%, it is **22.1171, 22.5923, 14.7012**.

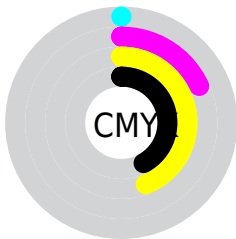
Distribution



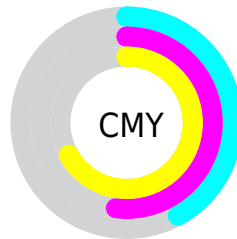
- Red (58%)
- Green (48%)
- Blue (33%)



- Red (49%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7336, 20.8395, 11.1133 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 20.7336, 20.8395, 11.1133 by changing the saturation by 10% instead.

■ 20.7336, 20.8395,
11.1133

■ 20.7336, 20.8395,
11.1133

248.6179,
256.4243, 209.2085

■ 13.0408, 13.0067,
6.0280

■ 44.1384, 44.8203,
28.5093

■ 7.5338, 7.4332,
2.7930

■ 60.5810, 61.7371,
41.6571

■ 3.8474, 3.7345,
0.9899

■ 80.6710, 82.4506,
58.3295

■ 1.6162, 1.5262,
0.0000

■ 104.7736,
107.3454, 78.9449

■ 0.4029, 0.3070,
0.0000

■ 133.2543,
136.8058, 103.9220

■ 0.0000, 0.0000,
0.0000

166.4783,

171.2161, 133.6792

204.8111,
210.9608, 168.6352

■ 20.7336, 20.8395,
11.1133

■ 20.7336, 20.8395,
11.1133

■ 19.5174, 19.2260,
8.1835

■ 22.1171, 22.5923,
14.7012

■ 18.4584, 17.7443,
5.8689

■ 23.6743, 24.4858,
18.9839

■ 17.5475, 16.3900,
4.1238

■ 25.4130, 26.5252,
23.9966

■ 16.7739, 15.1577,
2.8950

■ 27.3401, 28.7144,
29.7720

■ 16.1246, 14.0408,
2.1188

■ 29.4620, 31.0571,
36.3407

■ 15.7691, 13.4087,
1.7570

■ 31.7850, 33.5568,
43.7316

■ 34.3149, 36.2170,
51.9722

■ 37.0572, 39.0410,
61.0887

■ 40.0173, 42.0319,
71.1061

Harmonies

Analogous

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



23.3012, 20.8395, 13.2486



20.7336, 20.8395, 11.1133



18.1305, 20.8395, 11.5061

Triad

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



20.7336, 20.8395, 11.1133



15.3721, 20.8395, 28.0031



23.9718, 20.8395, 33.5386

Complementary

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



20.7336, 20.8395, 11.1133



14.3810, 14.9139, 30.1376

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.



21.5845, 20.8395, 39.4618



20.7336, 20.8395, 11.1133



16.6814, 20.8395, 35.8029

Square

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



20.7336, 20.8395, 11.1133



15.1886, 20.8395, 20.1772



18.9090, 20.8395, 40.3724



25.2786, 20.8395, 25.4047

Rectangle

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



20.7336, 20.8395, 11.1133



16.7147, 20.8395, 13.1860



18.9090, 20.8395, 40.3724



23.2596, 20.8395, 35.9247

Sweetspot

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



20.7341, 20.8405, 11.1137



45.0536, 47.0487, 42.9698



18.0664, 13.5868, 16.1385



10.1346, 10.5668, 9.3681



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.



20.7341, 20.8405, 11.1137



34.4095, 33.8852, 14.3747



23.2210, 27.5109, 12.2702



6.0728, 6.3593, 6.1479



13.4965, 11.5074, 1.5098



0.1941, 0.1987, 0.0281

Inverse Universe

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



14.3810, 14.9139, 30.1376



21.6766, 22.0197, 52.5423



12.6067, 10.4736, 29.3740



5.6785, 5.9909, 7.3268



5.9354, 4.5656, 24.4995



0.1002, 0.1109, 0.3090

Previews

White Background



This preview shows how the XYZ color 20.7336, 20.8395, 11.1133 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 20.7336, 20.8395, 11.1133 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 20.7336, 20.8395, 11.1133

Background



This preview shows how black text looks on a background with the XYZ color 20.7336, 20.8395, 11.1133.



This preview shows how white text looks on a background with the XYZ color 20.7336, 20.8395,

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

20.7336, 20.8395, 11.1133

Protanopia

19.4171, 20.8960, 11.6043

Deuteranopia

21.1612, 20.8786, 11.0983



Tritanopia

23.0761, 20.9043, 22.5574

Trichromacy



Original Color

20.7336, 20.8395, 11.1133

Protanomaly

19.9184, 20.9700, 11.3853

Deuteranomaly

20.9764, 20.7833, 11.0896

Tritanomaly

22.1738, 20.8987, 17.6170

Monochromacy



Original Color

20.7336, 20.8395, 11.1133

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6950, 20.5276, 17.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7336, 20.8395, 11.1133 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 83) }
```

Border

The CSS property to change the border of an element to XYZ 20.7336, 20.8395, 11.1133 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, 83) }
```


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

```
.border{ border-color:rgb(148, 122, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7336, 20.8395, 11.1133 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, 83) }
```

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

```
.background{ background-color: rgb(148,  
122, 83) }
```

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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