

Converting Colors

XYZ(20.8330, 22.6079, 11.4494)

Have a look what the booklet for
XYZ(20.8330, 22.6079, 11.4494)
contains.

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Color

**XYZ(20.8330, 22.6079,
11.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8353
RGB	142, 131, 83
RGB Percent	56%, 51%, 33%
CMY	0.4431, 0.4863, 0.6745
CMYK	0.00, 0.08, 0.42, 0.44
HSL	49°, 26%, 44%
HSV	49°, 42%, 56%
XYZ	20.8330, 22.6079, 11.4494
YIQ	128.8170, 21.9640, -12.5960

Conversions

Conversions Part 2

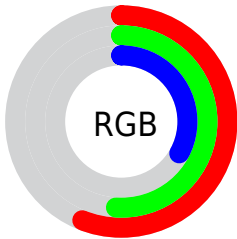
Format	Color
R_{YB}	97, 142, 83
Decimal	9339731
CIE _{Lab}	54.67, -3.13, 27.44
CIE _{LCh}	55, 27.616, 96.503
Yxy	22.6079, 0.3795, 0.4119
Android (android.graphics.Color)	4287529811 (0xFF8E8353)
YUV	128.8170, -22.5878, 11.5615
Hunter-Lab	47.5478, -4.9990, 19.0065

Details

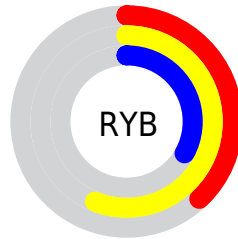
The XYZ color **20.8330, 22.6079, 11.4494** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4525, 11.7972, 27.2121**, and the grayscale version is **20.8738, 21.9609, 23.9154**.

A 20% lighter version of the original color is **44.4001, 47.8448, 29.0851**, and **7.5677, 8.3418, 2.9615** is the 20% darker color. If you saturate the color by 10%, you get **19.9892, 21.7096, 8.7348**, and if you desaturate by 10%, it is **21.7993, 23.5713, 14.7594**.

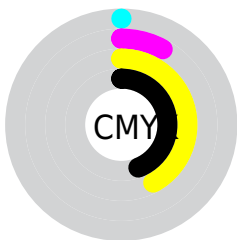
Distribution



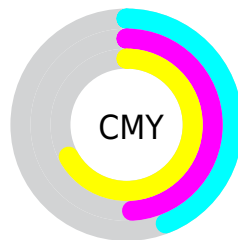
- Red (56%)
- Green (51%)
- Blue (33%)



- Red (38%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8330, 22.6079, 11.4494 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 20.8330, 22.6079, 11.4494 by changing the saturation by 10% instead.

■ 20.8330, 22.6079,
11.4494

■ 20.8330, 22.6079,
11.4494

249.1382,
265.7046, 211.5722

■ 13.1137, 14.3043,
6.2520

■ 44.3028, 47.7487,
29.1375

■ 7.5845, 8.3326,
2.9277

■ 60.7841, 65.3546,
42.4653

■ 3.8798, 4.3085,
1.0578

■ 80.9167, 86.8301,
59.3402

■ 1.6343, 1.8476,
0.0000

■ 105.0661,
112.5595, 80.1810

■ 0.4146, 0.5166,
0.0000

■ 133.5976,
142.9273, 105.4060

■ 0.0000, 0.0000,
0.0000

166.8765,

178.3178, 135.4338

205.2683,
219.1155, 170.6831

■ 20.8330, 22.6079,
11.4494

■ 20.8330, 22.6079,
11.4494

■ 19.9892, 21.7096,
8.7348

■ 21.7993, 23.5713,
14.7594

■ 19.2593, 20.8705,
6.5779

■ 22.8928, 24.5995,
18.6968

■ 18.6361, 20.0884,
4.9387

■ 24.1201, 25.6959,
23.2927

■ 18.1108, 19.3597,
3.7714

■ 25.4866, 26.8628,
28.5761

■ 17.6731, 18.6801,
3.0220

■ 26.9975, 28.1024,
34.5740

■ 17.3471, 18.1342,
2.5860

■ 28.6578, 29.4168,
41.3120

■ 30.4721, 30.8080,
48.8145

■ 32.4449, 32.2779,
57.1047

■ 34.5805, 33.8282,
66.2048

Harmonies

Analogous

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



23.9037, 22.6079, 12.2353



20.8330, 22.6079, 11.4494



18.1955, 22.6079, 13.4637

Triad

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



20.8330, 22.6079, 11.4494



17.1241, 22.6079, 35.9762



27.3062, 22.6079, 31.9113

Complementary

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



20.8330, 22.6079, 11.4494



12.4525, 11.7972, 27.2121

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.



25.1558, 22.6079, 40.6715



20.8330, 22.6079, 11.4494



19.2411, 22.6079, 43.3788

Square

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



20.8330, 22.6079, 11.4494



16.1885, 22.6079, 26.5609



22.1569, 22.6079, 45.2736



27.8340, 22.6079, 22.7688

Rectangle

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



20.8330, 22.6079, 11.4494



16.9734, 22.6079, 16.4856



22.1569, 22.6079, 45.2736



26.7398, 22.6079, 35.0580

Sweetspot

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



20.8336, 22.6089, 11.4499



42.3739, 45.1727, 40.4673



16.3053, 12.7602, 12.3828



9.4092, 10.0411, 8.8294



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.



20.8336, 22.6089, 11.4499



35.3199, 38.3610, 15.6223



19.5901, 24.2782, 11.8376



5.7553, 6.1169, 5.7667



15.5874, 16.3065, 2.3259



0.1633, 0.1845, 0.0270

Inverse Universe

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



12.4525, 11.7972, 27.2121



18.4626, 16.6271, 47.3641



13.3093, 10.8893, 26.9916



5.2059, 5.4076, 6.7982



4.7355, 2.4569, 23.2017



0.0574, 0.0477, 0.2259

Previews

White Background



This preview shows how the XYZ color 20.8330, 22.6079, 11.4494 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 20.8330, 22.6079, 11.4494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

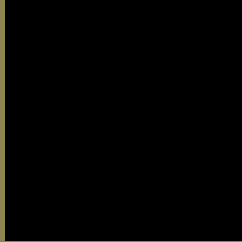
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8330, 22.6079, 11.4494

Background



This preview shows how black text looks on a background with the XYZ color 20.8330, 22.6079, 11.4494.



This preview shows how white text looks on a background with the XYZ color 20.8330, 22.6079,

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

20.8330, 22.6079, 11.4494

Protanopia

21.0053, 22.6968, 11.4574

Deuteranopia

23.0344, 22.5764, 11.5311



Tritanopia

23.6693, 22.5915, 25.6673

Trichromacy



Original Color

20.8330, 22.6079, 11.4494

Protanomaly

21.0053, 22.6968, 11.4574

Deuteranomaly

22.1385, 22.4942, 11.5625

Tritanomaly

22.3609, 22.4363, 19.3717

Monochromacy



Original Color

20.8330, 22.6079, 11.4494

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7388, 22.2034, 18.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8330, 22.6079, 11.4494 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(142, 131, 83)` looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 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(142, 131, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 83) }
```

Border

The CSS property to change the border of an element to XYZ 20.8330, 22.6079, 11.4494 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(142, 131, 83) }
```


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

```
.border{ border-color:rgb(142, 131, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 131, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 83);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8330, 22.6079, 11.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 83) }
```

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

```
.background{ background-color: rgb(142,  
131, 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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