

Converting Colors

XYZ(20.9003, 26.3335, 11.3762)

Have a look what the booklet for
XYZ(20.9003, 26.3335, 11.3762)
contains.

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Color

**XYZ(20.9033, 26.3335,
11.3783)**

Conversions

Conversions Part 1

Format	Color
Hex	80944F
RGB	128, 148, 79
RGB Percent	50%, 58%, 31%
CMY	0.4980, 0.4196, 0.6902
CMYK	0.14, 0.00, 0.47, 0.42
HSL	77°, 30%, 45%
HSV	77°, 47%, 58%
XYZ	20.9033, 26.3335, 11.3783
YIQ	134.1540, 10.2290, -25.6990

Conversions

Conversions Part 2

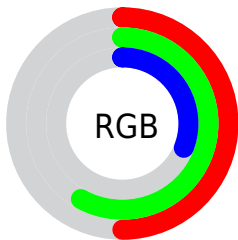
Format	Color
R_{YB}	79, 148, 99
Decimal	8426575
CIE _{Lab}	58.35, -18.68, 33.99
CIE _{LCh}	58, 38.783, 118.789
Yxy	26.3335, 0.3566, 0.4493
Android (android.graphics.Color)	4286616655 (0xFF80944F)
YUV	134.1540, -27.1909, -5.3971
Hunter-Lab	51.3162, -17.0925, 22.7750

Details

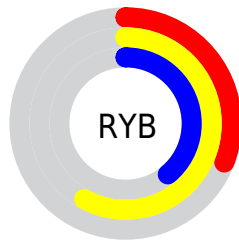
The XYZ color **20.9033, 26.3335, 11.3783** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2879, 10.3834, 29.3223**, and the grayscale version is **22.8115, 23.9995, 26.1354**.

A 20% lighter version of the original color is **44.4412, 53.7978, 29.1608**, and **7.5826, 10.2261, 2.8705** is the 20% darker color. If you saturate the color by 10%, you get **19.7919, 25.8169, 8.8206**, and if you desaturate by 10%, it is **22.1632, 26.9145, 14.5701**.

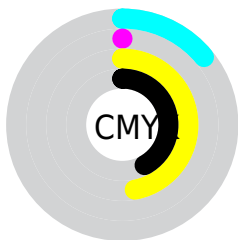
Distribution



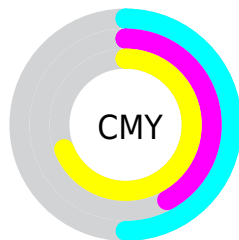
- Red (50%)
- Green (58%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (39%)



- Cyan (14%)
- Magenta (0%)
- Yellow (47%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9033, 26.3335, 11.3783 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 20.9033, 26.3335, 11.3783 by changing the saturation by 10% instead.

■ 20.9033, 26.3335,
11.3783

■ 20.9033, 26.3335,
11.3783

249.5056,
284.4154, 211.0746

■ 13.1654, 17.0733,
6.2045

■ 44.4190, 53.8125,
29.0049

■ 7.6203, 10.2868,
2.8990

■ 60.9276, 72.8000,
42.2948

■ 3.9027, 5.5895,
1.0433

■ 81.0904, 95.7989,
59.1271

■ 1.6472, 2.5971,
0.0000

■ 105.2728,
123.1933, 79.9205

■ 0.4229, 0.9252,
0.0000

■ 133.8401,
155.3678, 105.0933

■ 0.0000, 0.0000,
0.0000

167.1578,

192.7067, 135.0643

205.5912,
235.5944, 170.2519

■ 20.9033, 26.3335,
11.3783

■ 20.9033, 26.3335,
11.3783

■ 19.7919, 25.8169,
8.8206

■ 22.1632, 26.9145,
14.5701

■ 18.8188, 25.3577,
6.8530

■ 23.5775, 27.5596,
18.4330

■ 17.9751, 24.9535,
5.4283

■ 25.1536, 28.2726,
23.0029

■ 17.2501, 24.5997,
4.4916

■ 26.8984, 29.0563,
28.3128

■ 16.6270, 24.2897,
3.9556

■ 28.8178, 29.9132,
34.3936

■ 16.4277, 24.1901,
3.8033

■ 30.9178, 30.8457,
41.2744

■ 33.2038, 31.8559,
48.9830

■ 35.6813, 32.9462,
57.5455

■ 38.3552, 34.1184,
66.9871

Harmonies

Analogous

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



25.2218, 26.3335, 9.7311



20.9033, 26.3335, 11.3783



18.0343, 26.3335, 17.1911

Triad

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



20.9033, 26.3335, 11.3783



20.6096, 26.3335, 57.1853



35.2573, 26.3335, 29.2264

Complementary

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



20.9033, 26.3335, 11.3783



13.2879, 10.3834, 29.3223

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.



33.6328, 26.3335, 44.3826



20.9033, 26.3335, 11.3783



24.8376, 26.3335, 63.3534

Square

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



20.9033, 26.3335, 11.3783



17.8804, 26.3335, 43.1198



29.6652, 26.3335, 58.0614



33.8672, 26.3335, 17.8775

Rectangle

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



20.9033, 26.3335, 11.3783



17.1321, 26.3335, 23.9048



29.6652, 26.3335, 58.0614



35.0424, 26.3335, 34.0359

Sweetspot

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



20.9039, 26.3347, 11.3789



45.0739, 50.1955, 42.6603



18.0443, 15.6999, 9.4769



10.1553, 11.3982, 9.3372



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.



20.9039, 26.3347, 11.3789



34.8292, 45.5076, 15.3665



16.6130, 24.1226, 11.1780



6.1033, 6.6611, 6.2045



14.0589, 20.6755, 3.2498



0.2014, 0.2682, 0.0411

Inverse Universe

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



13.2879, 10.3834, 29.3223



19.7098, 13.7948, 51.0584



17.8230, 12.7214, 29.5345



5.6481, 5.7096, 7.2741



5.4377, 2.2758, 24.0837



0.0929, 0.0414, 0.2960

Previews

White Background



This preview shows how the XYZ color 20.9033, 26.3335, 11.3783 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 20.9033, 26.3335, 11.3783 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 20.9033, 26.3335, 11.3783

Background



This preview shows how black text looks on a background with the XYZ color 20.9033, 26.3335, 11.3783.



This preview shows how white text looks on a background with the XYZ color 20.9033, 26.3335,

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

20.9033, 26.3335, 11.3783

Protanopia

24.0090, 26.1480, 10.6191

Deuteranopia

26.6257, 26.2054, 11.6375



Tritanopia

25.2805, 26.3089, 33.0239

Trichromacy



Original Color

20.9033, 26.3335, 11.3783

Protanomaly

22.8391, 26.2005, 10.8746

Deuteranomaly

24.2354, 26.0279, 11.5311

Tritanomaly

23.3556, 26.1939, 23.2270

Monochromacy



Original Color

20.9033, 26.3335, 11.3783

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7856, 24.5857, 19.5169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9033, 26.3335, 11.3783 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(128, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 79)  
}
```

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(128, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 79) }
```

Border

The CSS property to change the border of an element to XYZ 20.9033, 26.3335, 11.3783 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(128, 148, 79) }
```


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

```
.border{ border-color:rgb(128, 148, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9033, 26.3335, 11.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 79) }
```

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

```
.background{ background-color: rgb(128,  
148, 79) }
```

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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