

Converting Colors

XYZ(20.1564, 24.1244, 15.3516)

Have a look what the booklet for
XYZ(20.1564, 24.1244, 15.3516)
contains.

XYZ(20.0877, 24.0170, 15.3814)	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(20.0877, 24.0170,
15.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8C63
RGB	125, 140, 99
RGB Percent	49%, 55%, 39%
CMY	0.5098, 0.4510, 0.6118
CMYK	0.11, 0.00, 0.29, 0.45
HSL	82°, 17%, 47%
HSV	82°, 29%, 55%
XYZ	20.0877, 24.0170, 15.3814
YIQ	130.8410, 4.2210, -15.9310

Conversions

Conversions Part 2

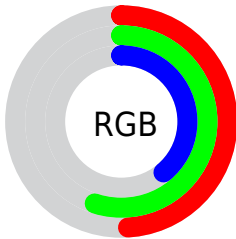
Format	Color
R_{YB}	99, 140, 114
Decimal	8227939
CIE _{Lab}	56.10, -12.97, 20.16
CIE _{LCh}	56, 23.968, 122.754
Yxy	24.0170, 0.3377, 0.4037
Android (android.graphics.Color)	4286418019 (0xFF7D8C63)
YUV	130.8410, -15.6976, -5.1226
Hunter-Lab	49.0071, -12.5965, 15.6962

Details

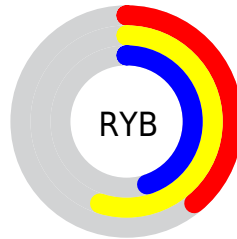
The XYZ color **20.0877, 24.0170, 15.3814** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1358, 14.3952, 26.7403**, and the grayscale version is **21.5704, 22.6937, 24.7135**.

A 20% lighter version of the original color is **43.1569, 50.2506, 36.2789**, and **7.1776, 9.0561, 4.6185** is the 20% darker color. If you saturate the color by 10%, you get **18.7471, 23.3974, 12.1226**, and if you desaturate by 10%, it is **21.5842, 24.7050, 19.2542**.

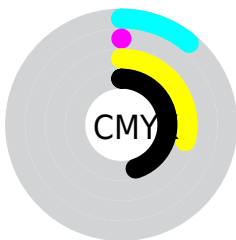
Distribution



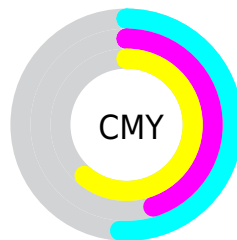
- Red (49%)
- Green (55%)
- Blue (39%)



- Red (39%)
- Yellow (55%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0877, 24.0170, 15.3814 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 20.0877, 24.0170, 15.3814 by changing the saturation by 10% instead.

■ 20.0877, 24.0170,
15.3814

■ 20.0877, 24.0170,
15.3814

245.2140,
272.9064, 237.3830

■ 12.5674, 15.3462,
8.9379

■ 43.0670, 50.0579,
36.2726

■ 7.2063, 9.0627,
4.6044

■ 59.2567, 68.1969,
51.5574

■ 3.6389, 4.7821,
1.9625

■ 79.0670, 90.2607,
70.6264

■ 1.5000, 2.1200,
0.5320

■ 102.8632,
116.6338, 93.8981

■ 0.3258, 0.6758,
0.0000

131.0106,
147.7005, 121.7911

■ 0.0000, 0.0000,
0.0000

163.8747,

183.8452, 154.7239

201.8207,
225.4524, 193.1150

■ 20.0877, 24.0170,
15.3814

■ 20.0877, 24.0170,
15.3814

■ 18.7471, 23.3974,
12.1226

■ 21.5842, 24.7050,
19.2542

■ 17.5540, 22.8404,
9.4448

■ 23.2408, 25.4609,
23.7689

■ 16.5019, 22.3440,
7.3140

■ 25.0640, 26.2879,
28.9533

■ 15.5829, 21.9052,
5.6923

■ 27.0591, 27.1883,
34.8333

■ 14.7883, 21.5204,
4.5368

■ 29.2314, 28.1643,
41.4332

■ 14.1080, 21.1853,
3.7975

■ 31.5857, 29.2179,
48.7765

■ 13.5174, 20.8902,
3.3485

■ 34.1268, 30.3511,
56.8853

■ 13.4769, 20.8699,
3.3180

■ 36.8592, 31.5656,
65.7808

■ 39.7874, 32.8634,
75.4836

Harmonies

Analogous

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



22.5746, 24.0170, 13.7656



20.0877, 24.0170, 15.3814



18.4468, 24.0170, 19.8193

Triad

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



20.0877, 24.0170, 15.3814



20.4940, 24.0170, 42.0336



28.5192, 24.0170, 25.4304

Complementary

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



20.0877, 24.0170, 15.3814



16.1358, 14.3952, 26.7403

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.



27.8519, 24.0170, 33.7038



20.0877, 24.0170, 15.3814



23.0821, 24.0170, 44.3537

Square

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



20.0877, 24.0170, 15.3814



18.6678, 24.0170, 35.2167



25.8056, 24.0170, 41.0442



27.5632, 24.0170, 18.7912

Rectangle

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



20.0877, 24.0170, 15.3814



17.9790, 24.0170, 24.2888



25.8056, 24.0170, 41.0442



28.4774, 24.0170, 28.1048

Sweetspot

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



20.0883, 24.0181, 15.3819



41.0022, 44.8999, 41.9862



19.0125, 18.3656, 14.3476



9.3560, 10.3042, 9.4191



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.



20.0883, 24.0181, 15.3819



33.8590, 41.6238, 23.2904



17.4743, 22.6705, 15.2596



5.2566, 5.7550, 5.3862



11.9963, 18.5543, 2.9491



0.0958, 0.1316, 0.0203

Inverse Universe

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



16.1358, 14.3952, 26.7403



25.7489, 21.8717, 46.6075



19.0040, 15.8738, 26.8746



4.9362, 4.9755, 6.3061



5.4496, 2.3235, 22.2069



0.0513, 0.0232, 0.1482

Previews

White Background



This preview shows how the XYZ color 20.0877, 24.0170, 15.3814 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 20.0877, 24.0170, 15.3814 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 20.0877, 24.0170, 15.3814

Background



This preview shows how black text looks on a background with the XYZ color 20.0877, 24.0170, 15.3814.



This preview shows how white text looks on a background with the XYZ color 20.0877, 24.0170,

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

20.0877, 24.0170, 15.3814

Protanopia

22.3135, 23.9145, 14.5062

Deuteranopia

24.2998, 23.9092, 15.6461



Tritanopia

22.9960, 23.9198, 30.1930

Trichromacy



Original Color

20.0877, 24.0170, 15.3814

Protanomaly

21.4431, 23.8747, 14.7874

Deuteranomaly

22.5418, 23.8061, 15.4636

Tritanomaly

21.7537, 23.8340, 23.8759

Monochromacy



Original Color

20.0877, 24.0170, 15.3814

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9081, 23.0492, 20.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0877, 24.0170, 15.3814 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(125, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(125, 140, 99)  
}
```

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(125, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 140, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.0877, 24.0170, 15.3814 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(125, 140, 99) }
```


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

```
.border{ border-color:rgb(125, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(125, 140,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0877, 24.0170, 15.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 140, 99) }
```

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

```
.background{ background-color: rgb(125,  
140, 99) }
```

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