

Converting Colors

XYZ(20.9404, 24.0534, 14.1288)

Have a look what the booklet for
XYZ(20.9404, 24.0534, 14.1288)
contains.

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Color

**XYZ(20.9404, 24.0534,
14.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	868A5E
RGB	134, 138, 94
RGB Percent	53%, 54%, 37%
CMY	0.4745, 0.4588, 0.6314
CMYK	0.03, 0.00, 0.32, 0.46
HSL	65°, 19%, 45%
HSV	65°, 32%, 54%
XYZ	20.9404, 24.0534, 14.1288
YIQ	131.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

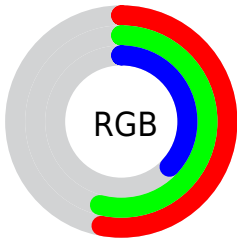
Format	Color
R_{YB}	94, 138, 98
Decimal	8817246
CIE _{Lab}	56.14, -8.97, 23.13
CIE _{LCh}	56, 24.806, 111.195
Yxy	24.0534, 0.3542, 0.4068
Android (android.graphics.Color)	4287007326 (0xFF868A5E)
YUV	131.7880, -18.6295, 1.9399
Hunter-Lab	49.0443, -9.6134, 17.2506

Details

The XYZ color **20.9404, 24.0534, 14.1288** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6280, 12.4377, 25.7285**, and the grayscale version is **21.9183, 23.0597, 25.1120**.

A 20% lighter version of the original color is **44.4807, 49.9973, 34.0941**, and **7.6590, 9.0695, 4.0362** is the 20% darker color. If you saturate the color by 10%, you get **20.1770, 23.7259, 11.1446**, and if you desaturate by 10%, it is **21.8181, 24.4286, 17.6974**.

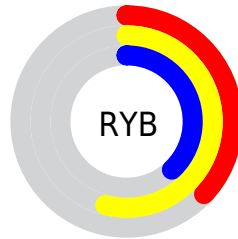
Distribution



Red (53%)

Green (54%)

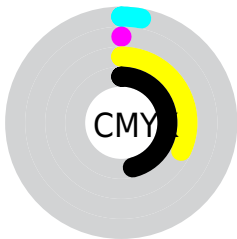
Blue (37%)



Red (37%)

Yellow (54%)

Blue (38%)

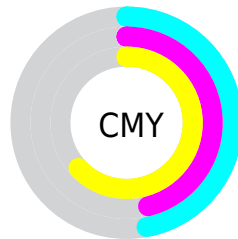


Cyan (3%)

Magenta (0%)

Yellow (32%)

Black (46%)



Cyan (47%)

Magenta (46%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9404, 24.0534, 14.1288 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 20.9404, 24.0534, 14.1288 by changing the saturation by 10% instead.

■ 20.9404, 24.0534,
14.1288

■ 20.9404, 24.0534,
14.1288

249.6993,
273.0903, 229.4869

■ 13.1927, 15.3732,
8.0705

■ 44.4803, 50.1173,
34.0378

■ 7.6393, 9.0818,
4.0517

■ 61.0033, 68.2699,
48.7256

■ 3.9148, 4.7945,
1.6537

■ 81.1819, 90.3487,
67.1270

■ 1.6541, 2.1272,
0.3287

■ 105.3817,
116.7381, 89.6606

■ 0.4273, 0.6799,
0.0000

133.9680,
147.8226, 116.7448

■ 0.0000, 0.0000,
0.0000

167.3061,

183.9866, 148.7982

205.7614,
225.6143, 186.2394

■ 20.9404, 24.0534,
14.1288

■ 20.9404, 24.0534,
14.1288

■ 20.1770, 23.7259,
11.1446

■ 21.8181, 24.4286,
17.6974

■ 19.5203, 23.4405,
8.7121

■ 22.8138, 24.8504,
21.8776

■ 18.9643, 23.1957,
6.7979

■ 23.9332, 25.3220,
26.6968

■ 18.5019, 22.9886,
5.3642

■ 25.1812, 25.8452,
32.1802

■ 18.1250, 22.8159,
4.3683

■ 26.5622, 26.4220,
38.3518

■ 17.8239, 22.6738,
3.7598

■ 28.0806, 27.0540,
45.2343

■ 17.6121, 22.5718,
3.4285

■ 29.7405, 27.7429,
52.8494

■ 31.5459, 28.4902,
61.2178

■ 33.5005, 29.2976,
70.3594

Harmonies

Analogous

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



23.7098, 24.0534, 13.5566



20.9404, 24.0534, 14.1288



18.8579, 24.0534, 17.5467

Triad

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



20.9404, 24.0534, 14.1288



19.6019, 24.0534, 40.3971



28.7063, 24.0534, 28.6625

Complementary

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



20.9404, 24.0534, 14.1288



13.6280, 12.4377, 25.7285

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.



27.3963, 24.0534, 37.2879



20.9404, 24.0534, 14.1288



22.0348, 24.0534, 44.9270

Square

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



20.9404, 24.0534, 14.1288



18.1309, 24.0534, 32.2736



24.8978, 24.0534, 43.6843



28.3520, 24.0534, 20.9235

Rectangle

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



20.9404, 24.0534, 14.1288



18.0641, 24.0534, 21.4569



24.8978, 24.0534, 43.6843



28.4422, 24.0534, 31.5726

Sweetspot

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



20.9410, 24.0545, 14.1293



40.5255, 43.9336, 39.9007



16.8390, 14.8852, 12.5757



9.0385, 9.8325, 8.7311



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.9410, 24.0545, 14.1293



35.9568, 41.9886, 21.1533



17.8343, 22.4529, 13.9839



5.3870, 5.8222, 5.3923



16.1533, 20.6973, 3.1436



0.1134, 0.1406, 0.0212

Inverse Universe

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



13.6280, 12.4377, 25.7285



21.0494, 18.3023, 44.8065



16.2905, 13.8102, 25.8531



4.8141, 4.9126, 6.3003



4.3585, 1.7610, 22.1559



0.0337, 0.0142, 0.1474

Previews

White Background



This preview shows how the XYZ color 20.9404, 24.0534, 14.1288 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 20.9404, 24.0534, 14.1288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

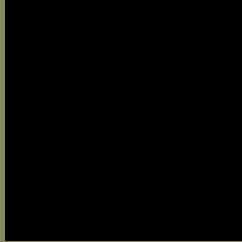
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9404, 24.0534, 14.1288

Background



This preview shows how black text looks on a background with the XYZ color 20.9404, 24.0534, 14.1288.



This preview shows how white text looks on a background with the XYZ color 20.9404, 24.0534,

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

20.9404, 24.0534, 14.1288

Protanopia

22.1339, 23.8426, 13.5607

Deuteranopia

24.4588, 24.0186, 14.4133



Tritanopia

23.9490, 24.0310, 28.9674

Trichromacy



Original Color

20.9404, 24.0534, 14.1288

Protanomaly

21.6243, 23.7810, 13.8064

Deuteranomaly

23.0793, 23.9081, 14.2248

Tritanomaly

22.7080, 23.9341, 22.8249

Monochromacy



Original Color

20.9404, 24.0534, 14.1288

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4680, 23.3447, 20.5140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9404, 24.0534, 14.1288 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(134, 138, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 138, 94)  
}
```

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(134, 138, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 138, 94) }
```

Border

The CSS property to change the border of an element to XYZ 20.9404, 24.0534, 14.1288 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(134, 138, 94) }
```


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

```
.border{ border-color:rgb(134, 138, 94) }
```

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

Here you see how a box with a 4 pixel rgb(134, 138, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 138, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 138, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 138,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9404, 24.0534, 14.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 138, 94) }
```

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

```
.background{ background-color: rgb(134,  
138, 94) }
```

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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