

Converting Colors

XYZ(20.8950, 24.1586, 18.0298)

Have a look what the booklet for
XYZ(20.8950, 24.1586, 18.0298)
contains.

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Color

**XYZ(20.8950, 24.1586,
18.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	808B6D
RGB	128, 139, 109
RGB Percent	50%, 55%, 43%
CMY	0.4980, 0.4549, 0.5725
CMYK	0.08, 0.00, 0.22, 0.45
HSL	82°, 12%, 49%
HSV	82°, 22%, 55%
XYZ	20.8950, 24.1586, 18.0298
YIQ	132.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

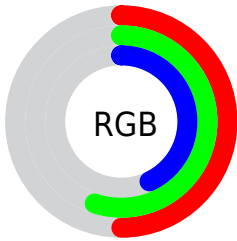
Format	Color
R_{YB}	109, 139, 120
Decimal	8424301
CIE Lab	56.25, -9.64, 14.74
CIE LCh	56, 17.609, 123.190
Yxy	24.1586, 0.3312, 0.3830
Android (android.graphics.Color)	4286614381 (0xFF808B6D)
YUV	132.2910, -11.4825, -3.7632
Hunter-Lab	49.1514, -10.1319, 12.6571

Details

The XYZ color **20.8950, 24.1586, 18.0298** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8756, 16.7952, 26.7271**, and the grayscale version is **22.0771, 23.2269, 25.2941**.

A 20% lighter version of the original color is **44.3387, 50.0962, 41.0509**, and **7.6391, 9.1439, 5.7772** is the 20% darker color. If you saturate the color by 10%, you get **19.4577, 23.4981, 14.3606**, and if you desaturate by 10%, it is **22.4905, 24.8884, 22.3252**.

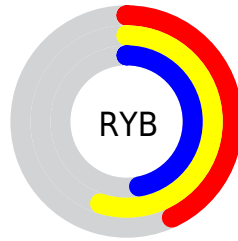
Distribution



Red (50%)

Green (55%)

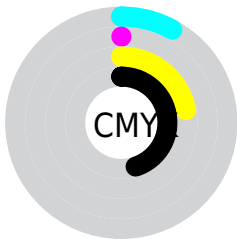
Blue (43%)



Red (43%)

Yellow (55%)

Blue (47%)

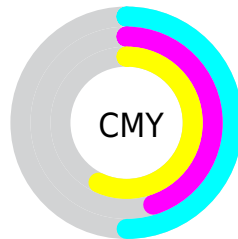


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8950, 24.1586, 18.0298 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 20.8950, 24.1586, 18.0298 by changing the saturation by 10% instead.

■ 20.8950, 24.1586,
18.0298

■ 20.8950, 24.1586,
18.0298

249.4622,
273.6213, 253.2807

■ 13.1593, 15.4513,
10.8017

■ 44.4053, 50.2889,
40.9027

■ 7.6161, 9.1367,
5.8212

■ 60.9106, 68.4807,
57.3846

■ 3.9000, 4.8305,
2.6696

■ 81.0699, 90.6028,
77.7883

■ 1.6457, 2.1481,
0.9281

■ 105.2484,
117.0395, 102.5321

■ 0.4219, 0.6915,
0.0000

133.8115,
148.1754, 132.0348

■ 0.0000, 0.0000,
0.0000

167.1246,

184.3947, 166.7147

205.5531,
226.0819, 206.9905

■ 20.8950, 24.1586,
18.0298

■ 20.8950, 24.1586,
18.0298

■ 19.4577, 23.4981,
14.3606

■ 22.4905, 24.8884,
22.3252

■ 18.1705, 22.9012,
11.2868

■ 24.2480, 25.6868,
27.2726

■ 17.0276, 22.3664,
8.7772

■ 26.1736, 26.5569,
32.8981

■ 16.0217, 21.8906,
6.7975

■ 28.2724, 27.5010,
39.2261

■ 15.1451, 21.4708,
5.3092

■ 30.5493, 28.5210,
46.2798

■ 14.3889, 21.1032,
4.2689

■ 33.0089, 29.6189,
54.0811

■ 13.7427, 20.7836,
3.6256

■ 35.6559, 30.7965,
62.6513

■ 13.2598, 20.5421,
3.2662

■ 38.4945, 32.0556,
72.0105

■ 41.5289, 33.3980,
82.1784

Harmonies

Analogous

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



22.7459, 24.1586, 16.6644



20.8950, 24.1586, 18.0298



19.6580, 24.1586, 21.5871

Triad

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



20.8950, 24.1586, 18.0298



21.2496, 24.1586, 37.5702



27.0749, 24.1586, 25.6886

Complementary

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



20.8950, 24.1586, 18.0298



17.8756, 16.7952, 26.7271

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.



26.6170, 24.1586, 31.6637



20.8950, 24.1586, 18.0298



23.1795, 24.1586, 39.0891

Square

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



20.8950, 24.1586, 18.0298



19.8541, 24.1586, 32.8963



25.1611, 24.1586, 36.7883



26.3785, 24.1586, 20.6581

Rectangle

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



20.8950, 24.1586, 18.0298



19.3074, 24.1586, 25.0039



25.1611, 24.1586, 36.7883



27.0510, 24.1586, 27.6496

Sweetspot

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



20.8956, 24.1597, 18.0303



41.9539, 45.3323, 44.6618



20.1252, 20.0269, 17.2732



9.6269, 10.4274, 10.1777



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.



20.8956, 24.1597, 18.0303



36.1012, 42.6584, 28.8770



18.8038, 23.0813, 17.9324



5.2562, 5.7548, 5.3862



11.9862, 18.5491, 2.9486



0.0958, 0.1316, 0.0203

Inverse Universe

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



17.8756, 16.7952, 26.7271



29.6749, 26.9845, 47.3875



20.1215, 17.9529, 26.8322



4.9366, 4.9757, 6.3061



5.4550, 2.3263, 22.2072



0.0514, 0.0232, 0.1482

Previews

White Background



This preview shows how the XYZ color 20.8950, 24.1586, 18.0298 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 20.8950, 24.1586, 18.0298 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

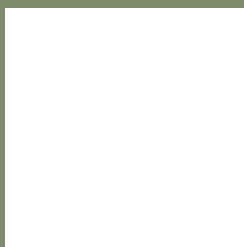
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8950, 24.1586, 18.0298

Background



This preview shows how black text looks on a background with the XYZ color 20.8950, 24.1586, 18.0298.



This preview shows how white text looks on a background with the XYZ color 20.8950, 24.1586,

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

20.8950, 24.1586, 18.0298

Protanopia

22.5066, 23.9514, 17.3468

Deuteranopia

24.4298, 23.9161, 18.3676



Tritanopia

23.3088, 24.0811, 30.2077

Trichromacy



Original Color

20.8950, 24.1586, 18.0298

Protanomaly

21.9922, 24.0943, 17.6789

Deuteranomaly

23.0561, 24.0118, 18.1714

Tritanomaly

22.3291, 24.0996, 25.3046

Monochromacy



Original Color

20.8950, 24.1586, 18.0298

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6621, 23.6085, 22.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8950, 24.1586, 18.0298 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, 139, 109)` looks like.

```
.text, #text, p{  
    color:rgb(128, 139, 109)  
}
```

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, 139, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 139, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.8950, 24.1586, 18.0298 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, 139, 109) }
```


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

```
.border{ border-color:rgb(128, 139, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 139, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 139, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 139, 109);  
box-shadow:4px 4px 4px 4px rgb(128, 139,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8950, 24.1586, 18.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 139, 109) }
```

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

```
.background{ background-color: rgb(128,  
139, 109) }
```

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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