

Converting Colors

XYZ(20.2875, 21.1203, 18.9274)

Have a look what the booklet for
XYZ(20.2875, 21.1203, 18.9274)
contains.

XYZ(20.3296, 21.2049, 18.9411)	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(20.3296, 21.2049,
18.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	867E72
RGB	134, 126, 114
RGB Percent	53%, 49%, 45%
CMY	0.4745, 0.5059, 0.5529
CMYK	0.00, 0.06, 0.15, 0.47
HSL	36°, 8%, 49%
HSV	36°, 15%, 53%
XYZ	20.3296, 21.2049, 18.9411
YIQ	127.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

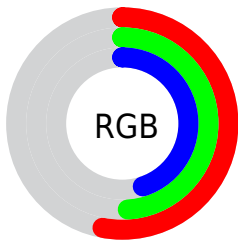
Format	Color
R_{YB}	127, 134, 114
Decimal	8814194
CIE Lab	53.17, 0.86, 7.62
CIE LCh	53, 7.666, 83.556
Yxy	21.2049, 0.3362, 0.3506
Android (android.graphics.Color)	4287004274 (0xFF867E72)
YUV	127.0240, -6.4208, 6.1180
Hunter-Lab	46.0488, -1.7812, 7.8466

Details

The XYZ color **20.3296, 21.2049, 18.9411** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2020, 19.2174, 25.3044**, and the grayscale version is **20.2008, 21.2528, 23.1443**.

A 20% lighter version of the original color is **43.4966, 45.5582, 42.5775**, and **7.2934, 7.5859, 6.2341** is the 20% darker color. If you saturate the color by 10%, you get **18.9553, 19.5888, 14.9917**, and if you desaturate by 10%, it is **21.8535, 22.9410, 23.4923**.

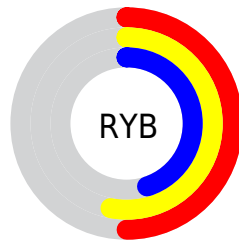
Distribution



Red (53%)

Green (49%)

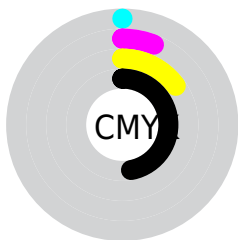
Blue (45%)



Red (50%)

Yellow (53%)

Blue (45%)

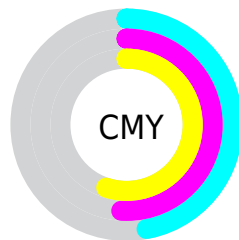


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3296, 21.2049, 18.9411 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 20.3296, 21.2049, 18.9411 by changing the saturation by 10% instead.

■ 20.3296, 21.2049,
18.9411

■ 20.3296, 21.2049,
18.9411

246.4936,
258.3654, 258.5353

■ 12.7445, 13.2739,
11.4513

■ 43.4688, 45.4283,
42.4699

■ 7.3286, 7.6174,
6.2533

■ 59.7537, 62.4894,
59.3461

■ 3.7166, 3.8511,
2.9284

■ 79.6692, 83.3627,
80.1881

■ 1.5431, 1.5906,
1.0582

■ 103.5807,
108.4326, 105.4145

■ 0.3549, 0.3513,
0.0000

131.8535,
138.0834, 135.4439

■ 0.0000, 0.0000,
0.0000

164.8530,

172.6995, 170.6948

202.9446,
212.6654, 211.5858

■ 20.3296, 21.2049,
18.9411

■ 20.3296, 21.2049,
18.9411

■ 18.9553, 19.5888,
14.9917

■ 21.8535, 22.9410,
23.4923

■ 17.7236, 18.0867,
11.6169

■ 23.5304, 24.7973,
28.6680

■ 16.6291, 16.6965,
8.7898

■ 25.3657, 26.7774,
34.4914

■ 15.6657, 15.4147,
6.4804

■ 27.3641, 28.8841,
40.9843

■ 14.8266, 14.2375,
4.6561

■ 29.5298, 31.1199,
48.1671

■ 14.1043, 13.1610,
3.2803

■ 31.8673, 33.4874,
56.0597

■ 13.4902, 12.1806,
2.3113

■ 34.3805, 35.9889,
64.6810

■ 12.9726, 11.2908,
1.6909

■ 37.0733, 38.6270,
74.0492

■ 12.7309, 10.8670,
1.4266

■ 39.9495, 41.4037,
84.1819

Harmonies

Analogous

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



21.0923, 21.2049, 19.6891



20.3296, 21.2049, 18.9411



19.5397, 21.2049, 19.2432

Triad

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



20.3296, 21.2049, 18.9411



18.7629, 21.2049, 24.9139



21.4312, 21.2049, 25.8355

Complementary

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



20.3296, 21.2049, 18.9411



18.2020, 19.2174, 25.3044

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.



20.7823, 21.2049, 27.4148



20.3296, 21.2049, 18.9411



19.2452, 21.2049, 26.8583

Square

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



20.3296, 21.2049, 18.9411



18.6490, 21.2049, 22.5924



19.9806, 21.2049, 27.8011



21.7391, 21.2049, 23.5918

Rectangle

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



20.3296, 21.2049, 18.9411



19.1023, 21.2049, 20.0100



19.9806, 21.2049, 27.8011



21.2449, 21.2049, 26.4676

Sweetspot

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



20.3302, 21.2058, 18.9416



38.7402, 40.6851, 42.1111



19.3619, 18.5084, 20.9646



8.6853, 9.1183, 9.3579



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.3302, 21.2058, 18.9416



34.9496, 36.3501, 30.8395



21.0783, 23.1708, 19.2814



4.8876, 5.1188, 4.9598



11.9413, 10.2052, 1.3404



0.0485, 0.0497, 0.0070

Inverse Universe

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



18.2020, 19.2174, 25.3044



30.4355, 32.1326, 44.3365



17.5231, 17.4692, 25.0027



4.5760, 4.8276, 5.8914



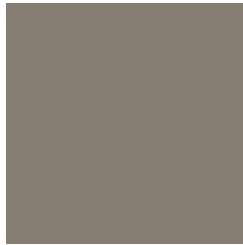
5.2608, 4.0693, 21.6449



0.0250, 0.0277, 0.0773

Previews

White Background



This preview shows how the XYZ color 20.3296, 21.2049, 18.9411 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 20.3296, 21.2049, 18.9411 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

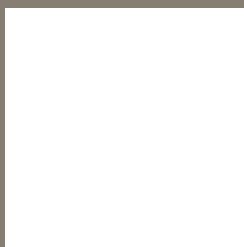
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3296, 21.2049, 18.9411

Background



This preview shows how black text looks on a background with the XYZ color 20.3296, 21.2049, 18.9411.



This preview shows how white text looks on a background with the XYZ color 20.3296, 21.2049,

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

20.3296, 21.2049, 18.9411

Protanopia

20.1424, 21.2992, 18.9691

Deuteranopia

21.5556, 21.0862, 19.1536



Tritanopia

21.6331, 21.1777, 25.1378

Trichromacy



Original Color

20.3296, 21.2049, 18.9411

Protanomaly

20.2995, 21.3802, 18.9765

Deuteranomaly

20.9927, 20.9792, 19.1626

Tritanomaly

21.1269, 21.1559, 22.7087

Monochromacy



Original Color

20.3296, 21.2049, 18.9411

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3081, 21.3297, 21.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3296, 21.2049, 18.9411 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, 126, 114) looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 114)  
}
```

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, 126, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.3296, 21.2049, 18.9411 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, 126, 114) }
```


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

```
.border{ border-color:rgb(134, 126, 114) }
```

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

Here you see how a box with a 4 pixel rgb(134, 126, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3296, 21.2049, 18.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 114) }
```

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

```
.background{ background-color: rgb(134,  
126, 114) }
```

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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