

Converting Colors

XYZ(28.1838, 21.9837, 20.0548)

Have a look what the booklet for
XYZ(28.1838, 21.9837, 20.0548)
contains.

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Color

**XYZ(28.1159, 21.9146,
20.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	B76B77
RGB	183, 107, 119
RGB Percent	72%, 42%, 47%
CMY	0.2824, 0.5804, 0.5333
CMYK	0.00, 0.42, 0.35, 0.28
HSL	351°, 35%, 57%
HSV	351°, 42%, 72%
XYZ	28.1159, 21.9146, 20.2008
YIQ	131.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

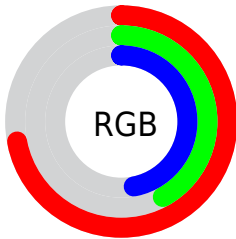
Format	Color
R_{YB}	183, 107, 119
Decimal	12020599
CIE _{Lab}	53.94, 31.70, 6.51
CIE _{LCh}	54, 32.363, 11.607
Y _{xy}	21.9146, 0.4003, 0.3120
Android (android.graphics.Color)	4290210679 (0xFFB76B77)
YUV	131.0920, -5.9614, 45.5233
Hunter-Lab	46.8130, 25.2843, 7.1843

Details

The XYZ color **28.1159, 21.9146, 20.2008** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3486, 39.9335, 44.6387**, and the grayscale version is **21.6171, 22.7429, 24.7670**.

A 20% lighter version of the original color is **56.1971, 46.7827, 44.5961**, and **11.5025, 7.9704, 6.8934** is the 20% darker color. If you saturate the color by 10%, you get **25.5542, 18.1542, 15.1448**, and if you desaturate by 10%, it is **31.2326, 26.5447, 26.1827**.

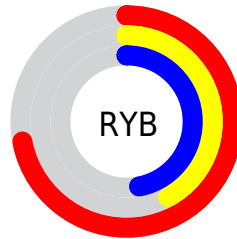
Distribution



Red (72%)

Green (42%)

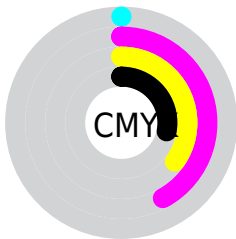
Blue (47%)



Red (72%)

Yellow (42%)

Blue (47%)

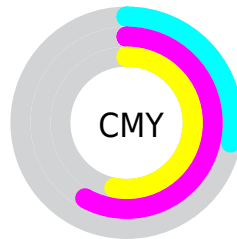


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (28%)



Cyan (28%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1159, 21.9146, 20.2008 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 28.1159, 21.9146, 20.2008 by changing the saturation by 10% instead.


 28.1159, 21.9146,
20.2008


 28.1159, 21.9146,
20.2008


285.0904,
262.1000, 265.6402


 18.5539, 13.7942,
12.3556


 56.0768, 46.6048,
44.6170


 11.4505, 7.9776,
6.8608

 75.2064, 63.9434,
62.0250

 6.4402, 4.0806,
3.2981


 98.2560, 85.1234,
83.4577

 3.1578, 1.7188,
1.2488

 125.5909,
110.5294, 109.3336

 1.2377, 0.4358,
0.0193

157.5764,
140.5456, 140.0713

 0.1358, 0.0000,
0.0000

194.5779,

 0.0000, 0.0000,

175.5565, 176.0892

0.0000

236.9608,
215.9465, 217.8060

■ 28.1159, 21.9146,
20.2008

■ 28.1159, 21.9146,
20.2008

■ 25.5542, 18.1542,
15.1448

■ 31.2326, 26.5447,
26.1827

■ 23.5129, 15.2060,
10.9670

■ 34.9328, 32.0907,
33.1327

■ 21.9560, 13.0106,
7.6169


■ 39.2450, 38.5997,
41.0916


■ 20.8423, 11.4992,
5.0385


■ 44.1954, 46.1144,
50.0977


■ 20.1234, 10.5901,
3.1687

■ 49.8086, 54.6749,
60.1872

 19.7488, 10.1554,
2.0743

 56.1079, 64.3193,
71.3945

 63.1155, 75.0837,
83.7527

 70.8527, 87.0023,
97.2933

 73.3384, 88.8073,
107.8839

Harmonies

Analogous

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



27.8656, 21.9146, 30.4517



28.1159, 21.9146, 20.2008



26.2588, 21.9146, 13.2422

Triad

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



28.1159, 21.9146, 20.2008



16.6846, 21.9146, 12.1855



18.7832, 21.9146, 47.1301

Complementary

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



28.1159, 21.9146, 20.2008



30.3486, 39.9335, 44.6387

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.



16.2049, 21.9146, 39.0276



28.1159, 21.9146, 20.2008



15.0898, 21.9146, 18.2977

Square

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



28.1159, 21.9146, 20.2008



19.5084, 21.9146, 9.5556



14.9246, 21.9146, 27.9392



22.2082, 21.9146, 48.0630

Rectangle

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



28.1159, 21.9146, 20.2008



24.1849, 21.9146, 10.6362



14.9246, 21.9146, 27.9392



17.7992, 21.9146, 45.0677

Sweetspot

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



28.1165, 21.9157, 20.2012



69.7337, 68.2937, 72.5799



30.4554, 22.5187, 47.5411



15.1692, 14.7318, 15.6033



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.1165, 21.9157, 20.2012



46.0578, 32.9376, 27.7068



30.4796, 27.7230, 17.6560



9.0609, 9.0347, 9.6680



13.7941, 7.0914, 1.5364



0.5045, 0.2573, 0.1502

Inverse Universe

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



28.1165, 21.9157, 20.2012



46.0578, 32.9376, 27.7068



26.7816, 30.8858, 49.3497



9.0609, 9.0347, 9.6680



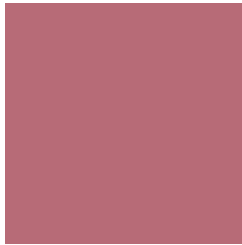
13.7941, 7.0914, 1.5364



0.5045, 0.2573, 0.1502

Previews

White Background



This preview shows how the XYZ color 28.1159, 21.9146, 20.2008 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 28.1159, 21.9146, 20.2008 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 28.1159, 21.9146, 20.2008

Background



This preview shows how black text looks on a background with the XYZ color 28.1159, 21.9146, 20.2008.



This preview shows how white text looks on a background with the XYZ color 28.1159, 21.9146,

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

28.1159, 21.9146, 20.2008

Protanopia

21.3071, 22.1645, 24.6279

Deuteranopia

22.5186, 22.1312, 19.6079



Tritanopia

28.0434, 22.0534, 19.3017

Trichromacy



Original Color

28.1159, 21.9146, 20.2008

Protanomaly

23.2458, 21.6911, 23.0403

Deuteranomaly

24.1865, 21.7148, 19.7462

Tritanomaly

28.1019, 22.0768, 19.6097

Monochromacy



Original Color

28.1159, 21.9146, 20.2008

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.3680, 21.9354, 23.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1159, 21.9146, 20.2008 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(183, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 119)  
}
```

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(183, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 119) }
```

Border

The CSS property to change the border of an element to XYZ 28.1159, 21.9146, 20.2008 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(183, 107, 119) }
```


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

```
.border{ border-color:rgb(183, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1159, 21.9146, 20.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 119) }
```

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

```
.background{ background-color: rgb(183,  
107, 119) }
```

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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