

Converting Colors

XYZ(28.1175, 26.5821, 20.1719)

Have a look what the booklet for
XYZ(28.1175, 26.5821, 20.1719)
contains.

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Color

**XYZ(28.1175, 26.5821,
20.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8574
RGB	170, 133, 116
RGB Percent	67%, 52%, 45%
CMY	0.3333, 0.4784, 0.5451
CMYK	0.00, 0.22, 0.32, 0.33
HSL	19°, 24%, 56%
HSV	19°, 32%, 67%
XYZ	28.1175, 26.5821, 20.1719
YIQ	142.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

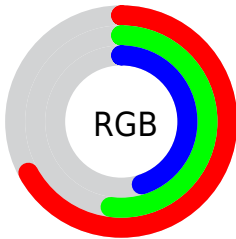
Format	Color
R_{YB}	170, 141, 116
Decimal	11175284
CIE Lab	58.59, 11.67, 14.58
CIE LCh	59, 18.675, 51.333
Yxy	26.5821, 0.3755, 0.3550
Android (android.graphics.Color)	4289365364 (0xFFAA8574)
YUV	142.1250, -12.8796, 24.4464
Hunter-Lab	51.5578, 7.1203, 12.8934

Details

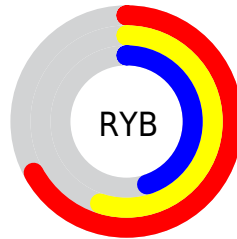
The XYZ color **28.1175, 26.5821, 20.1719** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.8490, 29.3968, 42.3420**, and the grayscale version is **25.8030, 27.1468, 29.5628**.

A 20% lighter version of the original color is **55.9908, 54.1137, 44.5397**, and **11.4728, 10.3858, 6.8688** is the 20% darker color. If you saturate the color by 10%, you get **25.7107, 23.2087, 14.9293**, and if you desaturate by 10%, it is **30.8835, 30.3840, 26.4277**.

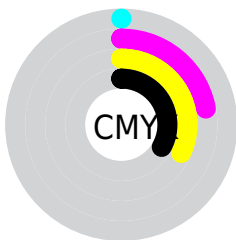
Distribution



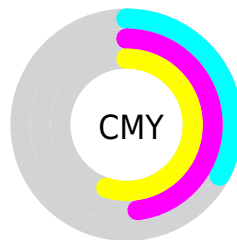
- Red (67%)
- Green (52%)
- Blue (45%)



- Red (67%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1175, 26.5821, 20.1719 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 28.1175, 26.5821, 20.1719 by changing the saturation by 10% instead.


 28.1175, 26.5821,
20.1719


 28.1175, 26.5821,
20.1719


285.0979,
285.6280, 265.4792


 18.5552, 17.2596,
12.3347


 56.0793, 54.2125,
44.5680

 11.4514, 10.4198,
6.8468


 75.2095, 73.2893,
61.9639

 6.4408, 5.6782,
3.2895


 98.2597, 96.3862,
83.3833

 3.1581, 2.6504,
1.2443

125.5952,
123.8878, 109.2445

 1.2379, 0.9521,
0.0155

157.5814,
156.1784, 139.9661

 0.1360, 0.0000,
0.0000

194.5837,

 0.0000, 0.0000,

193.6423, 175.9668

0.0000

236.9674,
236.6641, 217.6649

■ 28.1175, 26.5821,
20.1719

■ 28.1175, 26.5821,
20.1719

■ 25.7107, 23.2087,
14.9293

■ 30.8835, 30.3840,
26.4277

■ 23.6454, 20.2448,
10.6442

■ 34.0213, 34.6253,
33.7449

■ 21.9054, 17.6750,
7.2583

■ 37.5453, 39.3213,
42.1707

■ 20.4723, 15.4818,
4.7057

■ 41.4686, 44.4850,
51.7489

■ 19.3254, 13.6460,
2.9118

■ 45.8034, 50.1293,
62.5209

■ 18.4412, 12.1464,
1.7880

■ 50.5618, 56.2663,
74.5261

■ 17.8750, 11.1409,
1.2083

■ 55.7550, 62.9079,
87.8020

■ 61.3939, 70.0653,
102.3846

■ 65.1519, 76.8147,
106.0006

Harmonies

Analogous

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



29.5927, 26.5821, 24.5941



28.1175, 26.5821, 20.1719



25.9348, 26.5821, 18.1815

Triad

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



28.1175, 26.5821, 20.1719



21.1579, 26.5821, 27.0845



26.9013, 26.5821, 42.3498

Complementary

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



28.1175, 26.5821, 20.1719



25.8490, 29.3968, 42.3420

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.



24.6078, 26.5821, 43.2846



28.1175, 26.5821, 20.1719



21.3821, 26.5821, 33.7774

Square

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



28.1175, 26.5821, 20.1719



21.9812, 26.5821, 21.7581



22.6132, 26.5821, 39.9477



28.8616, 26.5821, 37.5584

Rectangle

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



28.1175, 26.5821, 20.1719



24.4101, 26.5821, 18.2564



22.6132, 26.5821, 39.9477



26.1407, 26.5821, 43.1515

Sweetspot

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



28.1182, 26.5833, 20.1724



62.6928, 64.1170, 63.5101



28.6392, 23.3635, 33.4849



13.7949, 14.0493, 13.7230



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.1182, 26.5833, 20.1724



47.9250, 43.9119, 29.8231



32.1627, 34.6723, 21.5206



7.7167, 7.9135, 7.9100



13.1941, 8.2855, 0.9039



0.3664, 0.2924, 0.0371

Inverse Universe

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



25.8490, 29.3968, 42.3420



43.1545, 49.7973, 76.3392



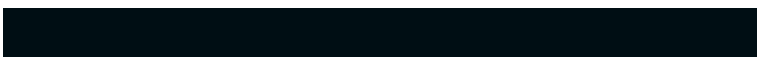
22.0220, 21.7427, 41.0664



7.5453, 8.1276, 9.5894



10.0230, 11.5063, 29.6682



0.2866, 0.3654, 0.7361

Previews

White Background



This preview shows how the XYZ color 28.1175, 26.5821, 20.1719 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 28.1175, 26.5821, 20.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

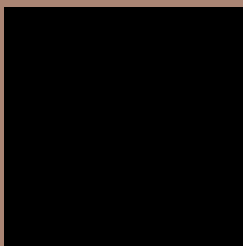
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1175, 26.5821, 20.1719

Background



This preview shows how black text looks on a background with the XYZ color 28.1175, 26.5821, 20.1719.



This preview shows how white text looks on a background with the XYZ color 28.1175, 26.5821,

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

28.1175, 26.5821, 20.1719

Protanopia

25.3095, 26.7954, 21.6074

Deuteranopia

27.2085, 26.7386, 19.9467



Tritanopia

29.9498, 26.7429, 28.3943

Trichromacy



Original Color

28.1175, 26.5821, 20.1719

Protanomaly

26.3229, 26.6770, 21.2146

Deuteranomaly

27.4844, 26.6727, 19.9194

Tritanomaly

29.2263, 26.6419, 25.0747

Monochromacy



Original Color

28.1175, 26.5821, 20.1719

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4152, 26.8341, 25.9776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1175, 26.5821, 20.1719 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(170, 133, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 133, 116)  
}
```

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(170, 133, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 133, 116) }
```

Border

The CSS property to change the border of an element to XYZ 28.1175, 26.5821, 20.1719 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(170, 133, 116) }
```


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

```
.border{ border-color:rgb(170, 133, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 133, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 133, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 133, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 133,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1175, 26.5821, 20.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 133, 116) }
```

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

```
.background{ background-color: rgb(170,  
133, 116) }
```

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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