

Converting Colors

XYZ(28.3840, 26.7518, 20.0385)

Have a look what the booklet for
XYZ(28.3840, 26.7518, 20.0385)
contains.

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Color

**XYZ(28.3345, 26.6939,
20.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8574
RGB	171, 133, 116
RGB Percent	67%, 52%, 45%
CMY	0.3294, 0.4784, 0.5451
CMYK	0.00, 0.22, 0.32, 0.33
HSL	19°, 25%, 56%
HSV	19°, 32%, 67%
XYZ	28.3345, 26.6939, 20.1821
YIQ	142.4240, 28.1050, 2.7690

Conversions

Conversions Part 2

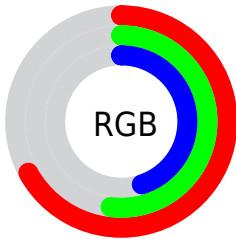
Format	Color
R_{YB}	171, 141, 116
Decimal	11240820
CIE _{Lab}	58.69, 12.07, 14.74
CIE _{LCh}	59, 19.055, 50.685
Yxy	26.6939, 0.3767, 0.3549
Android (android.graphics.Color)	4289430900 (0xFFAB8574)
YUV	142.4240, -13.0270, 25.0612
Hunter-Lab	51.6661, 7.4764, 13.0061

Details

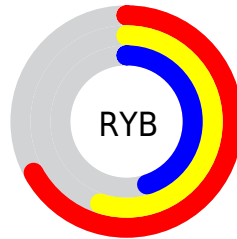
The XYZ color **28.3345, 26.6939, 20.1821** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **26.1085, 29.7637, 42.8971**, and the grayscale version is **25.9220, 27.2720, 29.6992**.

A 20% lighter version of the original color is **56.3053, 54.2759, 44.5545**, and **11.6079, 10.4554, 6.8751** is the 20% darker color. If you saturate the color by 10%, you get **25.9026, 23.2781, 14.9075**, and if you desaturate by 10%, it is **31.1328, 30.5494, 26.4828**.

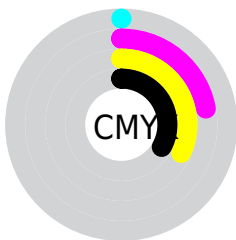
Distribution



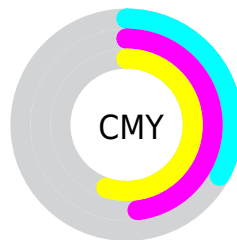
- Red (67%)
- Green (52%)
- Blue (45%)



- 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 28.3345, 26.6939, 20.1821 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 28.3345, 26.6939, 20.1821 by changing the saturation by 10% instead.

■ 28.3345, 26.6939,
20.1821

■ 28.3345, 26.6939,
20.1821

286.1130,
286.1720, 265.5360

■ 18.7197, 17.3435,
12.3421

■ 56.4230, 54.3923,
44.5853

■ 11.5707, 10.4797,
6.8517

■ 75.6273, 73.5090,
61.9855

■ 6.5222, 5.7181,
3.2925

■ 98.7590, 96.6500,
83.4095

■ 3.2088, 2.6745,
1.2459

126.1832,
124.1996, 109.2759

■ 1.2651, 0.9642,
0.0168

158.2653,
156.5422, 140.0033

■ 0.1569, 0.0000,
0.0000

195.3708,

■ 0.0000, 0.0000,

194.0622, 176.0100

0.0000

237.8649,
237.1440, 217.7147

■ 28.3345, 26.6939,
20.1821

■ 28.3345, 26.6939,
20.1821

■ 25.9026, 23.2781,
14.9075

■ 31.1328, 30.5494,
26.4828

■ 23.8190, 20.2820,
10.6025

■ 34.3106, 34.8558,
33.8587

■ 22.0671, 17.6901,
7.2072

■ 37.8825, 39.6289,
42.3580

■ 20.6278, 15.4838,
4.6548

■ 41.8620, 44.8824,
52.0251

■ 19.4800, 13.6434,
2.8688

■ 46.2618, 50.6295,
62.9023

■ 18.5992, 12.1467,
1.7587

■ 51.0940, 56.8828,
75.0296

■ 18.0616, 11.1918,
1.2083

■ 56.3704, 63.6544,
88.4451

■ 62.1021, 70.9561,
103.1855

■ 65.8067, 77.8021,
106.1567

Harmonies

Analogous

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



29.8241, 26.6939, 24.7417



28.3345, 26.6939, 20.1821



26.1080, 26.6939, 18.1016

Triad

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



28.3345, 26.6939, 20.1821



21.1807, 26.6939, 27.0263



26.9966, 26.6939, 42.8838

Complementary

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



28.3345, 26.6939, 20.1821



26.1085, 29.7637, 42.8971

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.



24.6495, 26.6939, 43.7469



28.3345, 26.6939, 20.1821



21.3861, 26.6939, 33.8649

Square

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



28.3345, 26.6939, 20.1821



22.0434, 26.6939, 21.6329



22.6231, 26.6939, 40.2337



29.0193, 26.6939, 38.0302

Rectangle

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



28.3345, 26.6939, 20.1821



24.5456, 26.6939, 18.1407



22.6231, 26.6939, 40.2337



26.2162, 26.6939, 43.6766

Sweetspot

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



28.3352, 26.6951, 20.1826



62.6620, 64.0555, 63.4998



28.9147, 23.4988, 33.8026



13.7872, 14.0340, 13.7205



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.



28.3352, 26.6951, 20.1826



47.4085, 43.1321, 28.8698



32.5180, 35.0607, 21.5769



8.1997, 8.4042, 8.4034



13.6578, 8.5210, 0.9249



0.4292, 0.3356, 0.0422

Inverse Universe

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



26.1085, 29.7637, 42.8971



42.7473, 49.5199, 76.3072



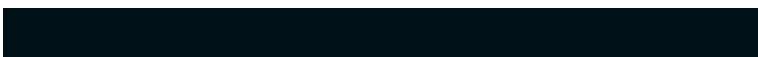
22.1428, 21.8324, 41.5752



8.0243, 8.6479, 10.1990



10.4854, 12.1047, 30.8283



0.3373, 0.4280, 0.8728

Previews

White Background



This preview shows how the XYZ color 28.3345, 26.6939, 20.1821 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 28.3345, 26.6939, 20.1821 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

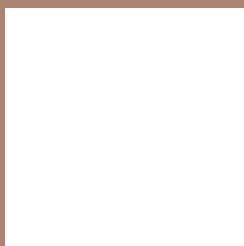
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3345, 26.6939, 20.1821

Background



This preview shows how black text looks on a background with the XYZ color 28.3345, 26.6939, 20.1821.



This preview shows how white text looks on a background with the XYZ color 28.3345, 26.6939,

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

28.3345, 26.6939, 20.1821

Protanopia

25.3095, 26.7954, 21.6074

Deuteranopia

27.2085, 26.7386, 19.9467



Tritanopia

29.9498, 26.7429, 28.3943

Trichromacy



Original Color

28.3345, 26.6939, 20.1821

Protanomaly

26.3229, 26.6770, 21.2146

Deuteranomaly

27.6948, 26.7812, 19.9293

Tritanomaly

29.2263, 26.6419, 25.0747

Monochromacy



Original Color

28.3345, 26.6939, 20.1821

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6031, 26.9310, 25.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3345, 26.6939, 20.1821 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(171, 133, 116)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 133, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 133, 116) }
```

Border

The CSS property to change the border of an element to XYZ 28.3345, 26.6939, 20.1821 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(171, 133, 116) }
```


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

```
.border{ border-color:rgb(171, 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(171, 133, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 133, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 133, 116); box-shadow:4px 4px 4px 4px rgb(171, 133, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3345, 26.6939, 20.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 133, 116) }
```

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

```
.background{ background-color: rgb(171,  
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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