

Converting Colors

XYZ(27.0786, 26.6237, 12.3948)

Have a look what the booklet for
XYZ(27.0786, 26.6237, 12.3948)
contains.

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Color

**XYZ(27.0983, 26.6417,
12.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8755
RGB	171, 135, 85
RGB Percent	67%, 53%, 33%
CMY	0.3294, 0.4706, 0.6667
CMYK	0.00, 0.21, 0.50, 0.33
HSL	35°, 34%, 50%
HSV	35°, 50%, 67%
XYZ	27.0983, 26.6417, 12.3085
YIQ	140.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

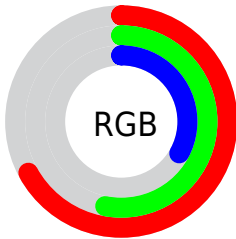
Format	Color
R_{YB}	147, 171, 85
Decimal	11241301
CIE _{Lab}	58.64, 7.35, 31.99
CIE _{LCh}	59, 32.822, 77.054
Yxy	26.6417, 0.4103, 0.4034
Android (android.graphics.Color)	4289431381 (0xFFAB8755)
YUV	140.0640, -27.1466, 27.1309
Hunter-Lab	51.6156, 3.3856, 21.9923

Details

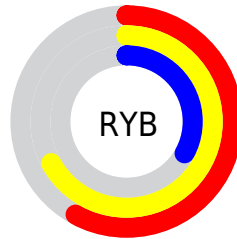
The XYZ color **27.0983, 26.6417, 12.3085** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9343, 18.5458, 41.1626**, and the grayscale version is **25.0447, 26.3489, 28.6940**.

A 20% lighter version of the original color is **54.4221, 54.2380, 30.8932**, and **10.8008, 10.3499, 3.2622** is the 20% darker color. If you saturate the color by 10%, you get **25.5342, 24.4725, 8.8310**, and if you desaturate by 10%, it is **28.8950, 29.0134, 16.6741**.

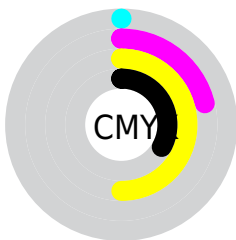
Distribution



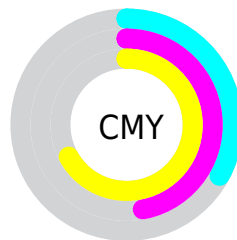
- Red (67%)
- Green (53%)
- Blue (33%)



- Red (58%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0983, 26.6417, 12.3085 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 27.0983, 26.6417, 12.3085 by changing the saturation by 10% instead.

■ 27.0983, 26.6417,
12.3085

■ 27.0983, 26.6417,
12.3085

280.2916,
285.9181, 217.4870

■ 17.7840, 17.3043,
6.8291

■ 54.4603, 54.3084,
30.7285

■ 10.8938, 10.4517,
3.2786

■ 73.2388, 73.4064,
44.5061

■ 6.0622, 5.6995,
1.2386

■ 95.9028, 96.5269,
61.8869

■ 2.9240, 2.6632,
0.0107

■ 122.8175,
124.0540, 83.2894

■ 1.1137, 0.9585,
0.0000

■ 154.3484,
156.3724, 109.1321

■ 0.0365, 0.0000,
0.0000

190.8608,

■ 0.0000, 0.0000,

193.8662, 139.8336

0.0000

232.7201,
236.9200, 175.8124

■ 27.0983, 26.6417,
12.3085

■ 27.0983, 26.6417,
12.3085

■ 25.5342, 24.4725,
8.8310

■ 28.8950, 29.0134,
16.6741

■ 24.1875, 22.4946,
6.1762

■ 30.9345, 31.5907,
21.9836

■ 23.0437, 20.7010,
4.2721

■ 33.2287, 34.3813,
28.2901

■ 22.0854, 19.0826,
3.0334

■ 35.7877, 37.3913,
35.6423

■ 21.2969, 17.6625,
2.2867

■ 38.6215, 40.6264,
44.0857

■ 41.7391, 44.0922,
53.6630

■ 45.1494, 47.7938,
64.4146

■ 48.8605, 51.7366,
76.3790

■ 52.8807, 55.9252,
89.5929

Harmonies

Analogous

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



30.9776, 26.6417, 15.6059



27.0983, 26.6417, 12.3085



23.1166, 26.6417, 12.5425

Triad

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



27.0983, 26.6417, 12.3085



18.6122, 26.6417, 36.0166



31.4292, 26.6417, 46.9096

Complementary

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



27.0983, 26.6417, 12.3085



17.9343, 18.5458, 41.1626

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.



27.6637, 26.6417, 55.8216



27.0983, 26.6417, 12.3085



20.4006, 26.6417, 48.4769

Square

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



27.0983, 26.6417, 12.3085



18.4953, 26.6417, 24.3147



23.6253, 26.6417, 56.4612



33.6508, 26.6417, 34.2701

Rectangle

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



27.0983, 26.6417, 12.3085



20.9335, 26.6417, 14.6559



23.6253, 26.6417, 56.4612



30.2849, 26.6417, 50.5713

Sweetspot

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



27.0989, 26.6430, 12.3090



61.7539, 64.2348, 57.0450



23.5727, 16.5670, 20.4548



13.5644, 14.0804, 12.1290



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.



27.0989, 26.6430, 12.3090



45.5313, 43.5443, 15.3992



31.7753, 37.8098, 14.2180



8.3774, 8.7597, 8.4626



16.1076, 13.4207, 1.7415



0.5006, 0.4783, 0.0659

Inverse Universe

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



17.9343, 18.5458, 41.1626



27.3020, 27.4616, 72.8635



14.8876, 11.6483, 39.9918



7.8440, 8.2875, 10.1389



7.3174, 5.7686, 29.7723



0.2584, 0.2702, 0.8465

Previews

White Background



This preview shows how the XYZ color 27.0983, 26.6417, 12.3085 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 27.0983, 26.6417, 12.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

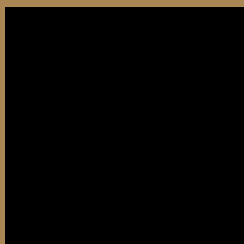
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0983, 26.6417, 12.3085

Background



This preview shows how black text looks on a background with the XYZ color 27.0983, 26.6417, 12.3085.



This preview shows how white text looks on a background with the XYZ color 27.0983, 26.6417,

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

27.0983, 26.6417, 12.3085

Protanopia

24.5716, 26.6079, 12.8576

Deuteranopia

27.0983, 26.6417, 12.3085



Tritanopia

30.2111, 26.5034, 27.5681

Trichromacy



Original Color

27.0983, 26.6417, 12.3085

Protanomaly

25.4095, 26.6107, 12.6013

Deuteranomaly

27.0983, 26.6417, 12.3085

Tritanomaly

28.9016, 26.5632, 21.0567

Monochromacy



Original Color

27.0983, 26.6417, 12.3085

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2411, 26.1123, 21.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0983, 26.6417, 12.3085 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, 135, 85)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 85)  
}
```

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, 135, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 85) }
```

Border

The CSS property to change the border of an element to XYZ 27.0983, 26.6417, 12.3085 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, 135, 85) }
```


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

```
.border{ border-color:rgb(171, 135, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 85);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0983, 26.6417, 12.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 85) }
```

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

```
.background{ background-color: rgb(171,  
135, 85) }
```

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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