

Converting Colors

XYZ(25.6721, 26.4023, 8.0663)

Have a look what the booklet for
XYZ(25.6721, 26.4023, 8.0663)
contains.

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Color

**XYZ(25.6976, 26.4331,
8.0226)**

Conversions

Conversions Part 1

Format	Color
Hex	A7893C
RGB	167, 137, 60
RGB Percent	65%, 54%, 24%
CMY	0.3451, 0.4627, 0.7647
CMYK	0.00, 0.18, 0.64, 0.35
HSL	43°, 47%, 45%
HSV	43°, 64%, 65%
XYZ	25.6976, 26.4331, 8.0226
YIQ	137.1920, 42.5970, -17.5870

Conversions

Conversions Part 2

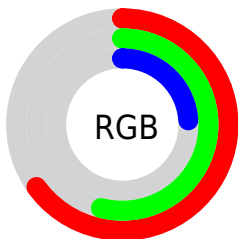
Format	Color
R_{YB}	102, 167, 60
Decimal	10979644
CIE _{Lab}	58.45, 2.42, 44.51
CIE _{LCh}	58, 44.575, 86.882
Yxy	26.4331, 0.4272, 0.4394
Android (android.graphics.Color)	4289169724 (0xFFA7893C)
YUV	137.1920, -38.0557, 26.1416
Hunter-Lab	51.4131, -0.7541, 26.7375

Details

The XYZ color **25.6976, 26.4331, 8.0226** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.4944, 11.0624, 38.0356**, and the grayscale version is **23.9794, 25.2282, 27.4735**.

A 20% lighter version of the original color is **52.2793, 53.9603, 22.4118**, and **10.1232, 10.2743, 1.6219** is the 20% darker color. If you saturate the color by 10%, you get **24.6730, 24.9824, 5.8363**, and if you desaturate by 10%, it is **26.8917, 27.9998, 10.9533**.

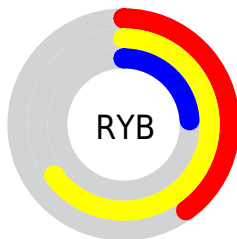
Distribution



Red (65%)

Green (54%)

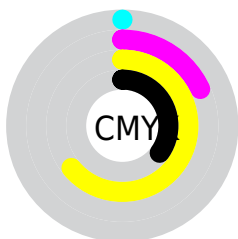
Blue (24%)



Red (40%)

Yellow (65%)

Blue (24%)

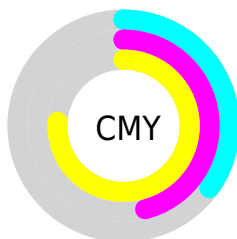


Cyan (0%)

Magenta (18%)

Yellow (64%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6976, 26.4331, 8.0226 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 25.6976, 26.4331, 8.0226 by changing the saturation by 10% instead.


 25.6976, 26.4331,
8.0226


 25.6976, 26.4331,
8.0226


273.5784,
284.9017, 185.8504


 16.7290, 17.1479,
4.0214


 52.2215, 53.9728,
22.5496


 10.1356, 10.3400,
1.6371


 70.5075, 72.9962,
33.9126

 5.5519, 5.6250,
0.3171

 92.6301, 96.0343,
48.5666

 2.6126, 2.6184,
0.0000

 118.9546,
123.4718, 66.9301

 0.9524, 0.9359,
0.0000

 149.8463,
155.6928, 89.4217

 0.0000, 0.0000,
0.0000

 185.6706,

193.0819, 116.4599

226.7929,
236.0234, 148.4633

■ 25.6976, 26.4331,
8.0226

■ 25.6976, 26.4331,
8.0226

■ 24.6730, 24.9824,
5.8363

■ 26.8917, 27.9998,
10.9533

■ 23.8020, 23.6378,
4.3210

■ 28.2655, 29.6842,
14.6893

■ 23.0685, 22.3932,
3.3908

■ 29.8308, 31.4925,
19.2873

■ 22.6749, 21.6928,
2.9920

■ 31.5974, 33.4292,
24.7981

■ 33.5746, 35.4986,
31.2686

■ 35.7711, 37.7046,
38.7426

■ 38.1948, 40.0510,
47.2610

■ 40.8535, 42.5414,
56.8626

■ 43.7545, 45.1792,
67.5841

Harmonies

Analogous

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



31.2894, 26.4331, 10.2635



25.6976, 26.4331, 8.0226



20.6809, 26.4331, 9.4651

Triad

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



25.6976, 26.4331, 8.0226



16.8946, 26.4331, 44.5798



34.9529, 26.4331, 48.4690

Complementary

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



25.6976, 26.4331, 8.0226



12.4944, 11.0624, 38.0356

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.



30.1616, 26.4331, 64.6658



25.6976, 26.4331, 8.0226



19.8267, 26.4331, 61.9085

Square

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



25.6976, 26.4331, 8.0226



16.0524, 26.4331, 27.1810



24.5587, 26.4331, 70.3047



37.0955, 26.4331, 30.4429

Rectangle

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



25.6976, 26.4331, 8.0226



18.2300, 26.4331, 12.7661



24.5587, 26.4331, 70.3047



33.5676, 26.4331, 54.5258

Sweetspot

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



25.6982, 26.4344, 8.0231



58.2152, 61.5919, 49.6704



19.4112, 12.1909, 11.0739



12.8127, 13.5566, 10.4176



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6982, 26.4344, 8.0231



43.4815, 43.6783, 9.1400



26.1038, 33.8762, 9.4382



7.9665, 8.4130, 7.9933



17.3941, 16.6854, 2.3038



0.4631, 0.4857, 0.0693

Inverse Universe

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



12.4944, 11.0624, 38.0356



18.0414, 14.1539, 67.2564



12.1745, 7.8693, 37.4362



7.2967, 7.6303, 9.5066



6.1463, 3.7529, 28.3759



0.1919, 0.1761, 0.7045

Previews

White Background



This preview shows how the XYZ color 25.6976, 26.4331, 8.0226 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 25.6976, 26.4331, 8.0226 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 25.6976, 26.4331, 8.0226

Background



This preview shows how black text looks on a background with the XYZ color 25.6976, 26.4331, 8.0226.



This preview shows how white text looks on a background with the XYZ color 25.6976, 26.4331,

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

25.6976, 26.4331, 8.0226

Protanopia

24.0775, 26.4546, 8.2521

Deuteranopia

26.8230, 26.3858, 8.0941



Tritanopia

29.7440, 26.4488, 27.9636

Trichromacy



Original Color

25.6976, 26.4331, 8.0226

Protanomaly

24.7176, 26.5667, 8.2400

Deuteranomaly

26.3009, 26.3228, 8.1095

Tritanomaly

27.8603, 26.2862, 18.3572

Monochromacy



Original Color

25.6976, 26.4331, 8.0226

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9187, 25.2913, 18.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6976, 26.4331, 8.0226 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(167, 137, 60)` looks like.

```
.text, #text, p{  
    color:rgb(167, 137, 60)  
}
```

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(167, 137, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 137, 60) }
```

Border

The CSS property to change the border of an element to XYZ 25.6976, 26.4331, 8.0226 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(167, 137, 60) }
```


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

```
.border{ border-color:rgb(167, 137, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 137, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 137, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 137, 60);  
box-shadow:4px 4px 4px 4px rgb(167, 137,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6976, 26.4331, 8.0226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 137, 60) }
```

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

```
.background{ background-color: rgb(167,  
137, 60) }
```

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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